Course Syllabus

Code - Course Title	**OTZ502 - Single-Subject Research Methods in Applied Behavior 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. ELİF TEKİN İFTAR

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	N/A
Recommended Resources	Tekin-İftar, E. (2012). Eğitim ve davranış bilimlerinde tek-denekli araştırma yöntemleri (Ed.,). Ankara: Türk Psikologlar Derneği. Tekin-İftar, E., ve Kırcaali-İftar, G. (2006). Özel eğitimde yanlışsız öğretim yöntemleri.(3. baskı). Ankara: Nobel Basım Yayın Dağıtım.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		What is research? What are the similarities and difference between research and teaching?	
Week - 2		Special education: Is it a science or an art? Principle of applied behavior analysis Ethical behaviors when conducting research	
Week - 3		Measuremnt and evaluation Effectiveness, efficiency Direct testing	
Week - 4		Social validity Educational validity Internal and external validty	
Week - 5		Reliability dependent variable reliability Independent variable reliability	
Week - 6		Types of graphs Visual anlysis of 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 treatments design	
Week - 12		Adapted alternating treatments design	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Parallel treatments design	
Week - 14		Writing research proposal	

Learning Outcomes

#	Learning Outcome
1	define the process of research and teaching.
2	describe the principles of applied behavior analysis
3	define measurement and evaluation
4	define validity
5	discuss reliability
6	visually analyze the data gathered in single subject research designs
7	will be able tıo describe the characteristics of single subject designs and discuss ABAB model
8	describe the multiple baseline models
9	describe the multiple probe models
10	describe comparative single subject methods
11	describe alternating teratments designs
12	describe adapted alternating teratments designs

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.