Course Syllabus

Code - Course Title	**OSE513 - Single Subject Models in Autism Research**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ONUR KURT

Mode of Delivery	The mode of delivery of this course is face to face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There are no prerequisites for the course.
Courses Recomended	Scientific research methods
Recommended Resources	E. Tekin-İftar (Ed.), Eğitim ve davranış bilimlerinde tek denekli araştırmalar (2 ed.) içinde. Anı Yayıncılık.
Work Placement	There is no internship in this course.
Aims of the Course	The purpose of the course is to equip students with the knowledge and skills they will need to plan and conduct research using single-subject research methods.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Single Subject Research: General characteristics of single-subject research, Basic concepts of single-subject research, History of single-subject research	Lecture, Question & Answer, Discussion
Week - 2		Evidence-based practices in the field of autism spectrum disorder: The role and importance of single-subject research in identifying evidence-based practices in the field of autism spectrum disorde	Lecture, Question & Answer, Discussion
Week - 3		Internal validity, External validity, Social validity	Lecture, Question & Answer, Discussion
Week - 4		Reliability: Inter-observer reliability, Treatment integrity	Lecture, Question & Answer, Discussion
Week - 5		Data Collection in Single Subject Research	Lecture, Question & Answer, Discussion
Week - 6		Visual Analysis of Data in Single Subject Research	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 7		ABAB model	Lecture, Question & Answer, Discussion, Research and Inquiry

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 8		Multiple baseline models	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 9		Multiple probe models	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 10		Changing criteria model	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 11		Karşılaştırmalı Tek Denekli Araştırma Modelleri, ABC Models	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 12		Alternating treatments model	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 13		Adapted alternating treatments model	Lecture, Question & Answer, Discussion, Research and Inquiry
Week - 14		Parallel treatments model	Lecture, Question & Answer, Discussion, Research and Inquiry

Learning Outcomes

#	Learning Outcome
1	Explains the basic concepts of single-subject research.
2	Describes the single-subject research models used to determine effectiveness
3	Describes comparative single-subject research models
4	Examines single-subject research studies from a critical point of view
5	Plans single-subject research

Sustainable Development Goals

✓ Quality Education ✓ Gender Equality ✓ Decent Work and Economic Growth ✓ Reducing Inequalities ✓ Responsible Production and Consumption ✓ Peace, Justice and Strong Institutions ✓ Partnerships for Purposes

Course Theme

✓ Educational Sciences and Educational Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	3.00	14	42
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	1.00	14	14
Ödevler	2.00	14	28
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	1.00	14	14
Final Sınavı Hazırlığı (sınav süresi dahil)	1.00	14	14
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**4.5**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Short-Answer Test ✓ Performance Assessment (Individual/Panel-Based) ✓ Homework