Course Syllabus

Code - Course Title	**ARY535 - Research Methods in Education**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ALİ ERSOY

Mode of Delivery	Distance Education
Prerequisites	None
Courses Recomended	None
Recommended Resources	Cohen, L.; Manion, L. ve Morrison, K. (2021) Eğitimde Araştırma Yöntemleri. (Çev. Ed.: E. Dinç-K. Kıroğlu). Ankara: Pegem Akademi.Büyüköztürk, Ş.; Kılıç Çakmak, E.; Akgün, E.; Karadeniz, Ş. ve Demirel, F. (2010). Bilimsel Araştırma Yöntemleri. Ankara: Pegem Akademi.
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introducing the course and its content, and the basic concepts of educational research: paradigm, onthology and epistemology	
Week - 2		The basic concepts of educational research: methodology, method, design, model, theory, hyphothesis	
Week - 3		The scientific knowledge and its features, and the ways of knowledge acquisition	
Week - 4		Quantitative research designs in educational research	
Week - 5		Qualitative research designs in educational research	
Week - 6		Mixed method research	
Week - 7		Research design and planning, and the stages of the research processes	
Week - 8		Mid-term exam	
Week - 9		Sampling, validity and relaibility in educational research, and research ethics	
Week - 10		Data collection technigues and instruments in educational research	
Week - 11		Procedures and processes of data collection	
Week - 12		Analysing quantitative data	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Analysing qualitative data	
Week - 14		Writing up and interpreting research findings	

Learning Outcomes

#	Learning Outcome
1	Explains the basic concepts of educational research
2	Comprehends scientific knowledge and its features, and the ways of knowledge acquisition
3	Comprehends various approaches to and methodologies of educational research
4	Explains the design, planning and stages of the educational research
5	Explains the basic principles, procedures and processes related to sampling, validity, relaibility and ethics in educational research
6	Learns and uses various data collection techniques and tools of educational research
7	Comprehends data collection procedures and processes
8	Comprehends quantitative data analysis
9	Comprehends qualitative data analysis
10	Commprehends how to write up and interpret research findings

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.