Course Syllabus

Code - Course Title	**ARY216 - Research Methods in Education**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses

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	Not applicable
Recommended Resources	Yıldırım, E., Altunışık, R., Coşkun, R. ve Bayraktaroğlu, S. (2005). Sosyal bilimlerde araştırma yöntemleri SPSS uygulamalı (Beşinci Baskı). Sakarya: Sakarya Kitabevi
Work Placement	Not applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Scientific research methods	
Week - 2		Planning quantitative research	
Week - 3		Planning qualitative research	
Week - 4		Action research	
Week - 5		Population and sample: Non-probability sampling methods	
Week - 6		Population and sample: Probability sampling methods	
Week - 7		Data collection methods and tools: Quantitative data collection methods and tools	
Week - 8		Data collection methods and tools: Qualitative data collection methods and tools	
Week - 9		Qualities of data collection tools: Validity and types of validity	
Week - 10		Qualities of data collection tools: Reliability and types of reliability	
Week - 11		Data analysis: Analyzing quantitative data	
Week - 12		Data analysis: Analyzing qualitative data	
Week - 13		Writing up scientific research	
Week - 14		Scientific research and ethics	

Learning Outcomes

#	Learning Outcome
1	Explain basic principles of scientific research.
2	Explain the types of scientific research.
3	Explain the steps of the scientific research process.
4	Explain scientific research ethics.

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.