Course Syllabus

Code - Course Title	**ARY533 - 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)	DOÇ. DR. CEYHUN KAVRAYICI

Mode of Delivery	The mode of delivery of this course is online education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts, Principals and Approaches in Scientific Researches	
Week - 2		Ethics in Scientific Researches	
Week - 3		Scientific Research Process and Defining the Problem	
Week - 4		Scientific Research Models	
Week - 5		Quantitative Research Models	
Week - 6		Qualitative Research Models	
Week - 7		Qualitative Research Models II	
Week - 8		Sampling Methods	
Week - 9		Data Collection Tools: Observation, İnterview, Document Analysis	
Week - 10		Validity and Reliability in Quantitative Researches	
Week - 11		Trustworthiness in Qualitative Researches	
Week - 12		Data Analysis	
Week - 13		Data Analysis II	
Week - 14		Reporting of the Research	

Learning Outcomes

#	Learning Outcome
1	Explains basic concepts of scientific research methods
2	Explains the formal rules of creating a research proposal and writing a report.
3	Analyses the first step of the scientific research, which is the research problem.
4	Analyses the other steps of scientific research.
5	Analyses the data collection techniques and the processing of data.

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.