Course Syllabus

Code - Course Title	**ARY550 - Research Methods in Education Sciences**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. BİLGE ÇAM AKTAŞ, DR. ÖĞR. ÜYESİ YAPRAK ALAGÖZ HAMZAJ

Mode of Delivery	This course is conducted only in the form of face to face education.
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Gay, L. R., Mills, G. E., & Airasian, P. (2012). Educational Research: Competencies for Analysis and Application. (10th edition). New Jersey: Merill Prentice Hall.
Work Placement	Not Applicable

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction & Review of the Course Program	
Week - 2		Science, Scientific Research, and Introduction to Research Methods	
Week - 3		Selecting and Defining a Research Topic	
Week - 4		Preparing and Evaluating a Research Plan	
Week - 5		Determining the Research Sample	
Week - 6		Levels of Measurement, Measurement Tools, Validity and Reliability	
Week - 7		Descriptive Research	
Week - 8		Corelational Research	
Week - 9		Causal-Comparative Research	
Week - 10		Experimental Research	
Week - 11		Qualitative Research	
Week - 12		Action Research	
Week - 13		Mix-method Research	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Reporting Research Findings	

Learning Outcomes

#	Learning Outcome
1	Discusses the basic concepts related to science and scientific research.
2	Describes the process of scientific research.
3	Discusses scientific research methods.
4	Explains the process of preparing a scientific research report.

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.