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. AYDOĞAN AYKUT CEYHAN

Courses Recomended	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Science. Assumptions and Characteristics of Science	
Week - 2		Scientific method and stages	
Week - 3		Scientific research and its qualities	
Week - 4		Scientific research models	
Week - 5		Investigation with various aspects of scientific research models	
Week - 6		Problem, Hyptohesis, Assumption, and Limitations in the scientific researches	
Week - 7		Midterm	
Week - 8		Resource scanning in the scientific researches. Invastigation of related resources and literature.	
Week - 9		Sampling in the scientific researches	
Week - 10		Measures in the scientific researches. Characteristics of measures. Validity and reliability	
Week - 11		Statistical analysis and procedure in the scientific researches	
Week - 12		Findings, Discussion, Result and Suggestions in the scientific researches	
Week - 13		Content and style in the scientific research reports	
Week - 14		Final exam	

Learning Outcomes

#	Learning Outcome
1	To comprehend the sciences, scientific thought, and the sciences of science.
2	Understand basic concepts in scientific research

Learning Outcomes

#	Learning Outcome
3	To to explain the qualities and steps of scientific research method
4	To comprehend scientific research methods
5	Understand the scientific research process
6	To plan the scientific research process related to a particular problem
7	To prepare report of a scientific research

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	25
Final Exam	1	50
Homework	1	25
	Sum (%)	**100**