Course Syllabus

Code - Course Title	**BTÖ601 - Research Problems in Instructional Technologies**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ÖZCAN ÖZGÜR DURSUN

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	Graduate courses asked by the adviser should be completed before taking the course.
Recommended Resources	American Psychological Association. (2001). Publication manual (Fifth edition). Washington, DC: The author. Gall, M. D., Borg, W. R. & Gall, J. P. (1996). Educational research: An introduction (Sixth edition). New York: Longman. Jonassen, D. H. (Ed.). (2004). Handbook of research for educational communications and technology (Second edition). Mahwah, NJ: Lawrence Erlbaum Associates.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Science and scientific Metod. (Definitions, functions of science, different kinds of sciences, stages of scientific method)	
Week - 2		Scientific resaarch (definitions, kinds, levels)	
Week - 3		Form of the research (writing area of a sheet, gap between lines, head of a paragraph, numbers of pages, title of volumes and subvolumes, contents, list of diagrams and tables)	
Week - 4		Quotations (Kinds of quotations, principles to show quotation,)	
Week - 5		References (Basic principles, bibliography, example of special bibliographies)	
Week - 6		Research proposal and main volumes of a research report (Introduction- Methodology, Findings and Interperations, Conclusion)	
Week - 7		Volume-I Introduction (Problem, aim of research, importance of research, assumptions, limitations, definitions)	
Week - 8		Volume-II Researcn methodology (Research models, surveys and experimental models, causality of the surverys and experimental models, levels of variables, control of variables , research population and sample, Data collection, analysis of data).	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 9		Volume-II Researcn methodology (Research models, surveys and experimental models, causality of the surverys and experimental models, levels of variables, control of variables , research population and sample, Data collection, analysis of data).	
Week - 10		Volume -III (Research Findings and İnterperations). Volume-IV (Summary, Main İdea of research, Suggestions)	
Week - 11		Some hypotesis tests and examples of aplications on hypotetic data (t test, X2 test, one way anova)	
Week - 12		Examing and evaluating the researches conducted in the intstructional technology.	
Week - 13		Examing and evaluating the researches conducted in the intstructional technology.	
Week - 14		Examing and evaluating the researches conducted in the intstructional technology.	

Learning Outcomes

#	Learning Outcome
1	explain scientific research process
2	prepare a scientific research proposal
3	evaluate scientific researches

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.