RESEARCH TECHNIQUES AND PUBLICATION ETHICS

1	Course Title:	RESEARCH TECHNIQUES AND PUBLICATION ETHICS	
2	Course Code:	FEN6000	
3	Type of Course:	Compulsory	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç.Dr. ZEHRA SEVGEN PERKER	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Doç. Dr. Z. Sevgen PERKER zsperker@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The aim of this course is; to provide students with knowledge about the theoretical foundations of research methods used in architecture, data collection methods, data evaluation methods, and scientific research and publication ethics.	
19	Contribution of the Course to Professional Development:	This course contributes to the realization of architectural field research within the framework of scientific principles.	
20	Learning Outcomes:		
		1	Students can make original research designs with the knowledge gained about scientific research objectives, principles, stages and methods.
		2	Students can analyze scientific researches in a systematic and critical way. They can create new research ideas with their inferences.
		3	Students can publish their original research in international refereed publications.
		4	Students can adopt scientific ethical values. They can support the development of scientific ethics.
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21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	Main definitions in scientific research	
2	Determining the research problem in scientific research	

3	Determining the research problem in scientific research	
4	Designing the scientific research	
5	Universe and sampling in scientific research	
6	Data collection in scientific research	
7	Data analysis in scientific research	
8	Expression in scientific research	
9	Presentation of scientific research	
10	Reporting of scientific research	
11	Ethics in scientific research	
12	Ethics in scientific research	
13	Presentations	
14	Presentations	

22	Textbooks, References and/or Other Materials:	Aydın, İ. (2016). Akademik Etik. Pegem. Büyüköztürk, Ş., Kılıç Çakmak, E., Akgün, Ö.E., Karadeniz, Ş., Demirel, F. (2016) Bilimsel Araştırma Yöntemleri, Pegem Akademi Yayıncılık. Erman, E. (2009). Mimarlıkta Araştırma Yöntemleri ve Tez Yazım Teknikleri, Murat Kitabevi. Groat, L., Wang, D. (2013) Architectural Research Methods, Wiley. Gürsakal, N. (2001) Sosyal Bilimlerde Araştırma Yöntemleri, Nobel Akademi Yayıncılık. Karasar, N. (2016) Bilimsel Araştırma Yöntemi: Bilimsel İrade Algı Çerçevesi ile Kavramlar - İlkeler - Teknikler, Nobel Akademi Yayıncılık.
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	0	0.00
Quiz	0	0.00
Home work-project	1	40.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Course success is evaluated through the final exam (written exam) and homework.

24	**ECTS / WORK LOAD TABLE**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	10	1.00	10.00
Homeworks	1	15.00	15.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	7.00	7.00
Total Work Load			60.00
Total work load/ 30 hr			2.00
ECTS Credit of the Course			2.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	**PQ2**	**PQ3**	**PQ4**	**PQ5**	**PQ6**	**PQ7**	**PQ8**	**PQ9**	**PQ10**	**PQ11**	**PQ12**	**PQ13**	**PQ14**	**PQ15**	**PQ16**
ÖK1	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	5	5	5	0	5	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High