RESEARCH TECHNIQUES AND PUBLICATION ETHICS

1	Course Title:	RESEARCH TECHNIQUES AND PUBLICATION ETHICS
2	Course Code:	IMD5169
3	Type of Course:	Compulsory
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	3.00
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. ORHAN BOZKURT
15	Course Lecturers:	Yrd.Doç.Dr. TURGAY GÜNDÜZ
16	Contact information of the Course Coordinator:	
17	Website:	
18	Objective of the Course:	The aim of this course is to examine scientific research process (identifying a problem, data collection, data analysis and interpretation of results), to review major scientific research methods (experimental method, descriptive method et al.), and to provide students with knowledge of techniques such as finding right research question, hypothesis formation, conceptualization, assessment, data collection, data analysis, data evaluation / interpretation and report writing. In the course, the concept of ethics and ethical theory, research ethics and publication ethics, unethical behavior will be highlighted. The other aim of the course is to provide students with knowledge and awareness of the most common violations of research and publication ethics and their prevention methods, and what should be done if ethical violations identified in scientific publications.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	To understand the scientific research techniques
	2	To understand and to analyze the ethical aspects of certain situations related to science and technology
	3	To comprehend ethical theories,scientific research and publication ethics and all aspects of the concept of professional ethics
	4	To design and conduct a scientific research in accordance with ethical rules
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21	Course Content:

Course Content:

Week	Theoretical	Practice
1	Scientific research and scientific research process	
2	Scientific research methods (Qualitative Research)	
3	Scientific research methods (Quantitative Research)	
4	Measurement instruments used in scientific research	
5	Data collection and analysis processes	
6	Validity and reliability concepts	
7	Identification of research problem and hypothesis	
8	The concept of ethics and profession	
9	Ethical theories	
10	The concept and basic principles of research ethics	
11	Unethical behavior and ethical violations during the research process	
12	The concept and basic principles of publication ethics	
13	Unethical behavior and ethics violations in the... ethics	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	0	0.00	0.00
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	36.00	36.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

Materials: 15. Baskı, Nobel Yayın Dağıtım, Ankara. Lawrence, N. (2010). Toplumsal Araştırma Yöntemleri, Nitel ve Nicel ... Murray, R. (2014). Tez Nasıl Yazılır (Çev.: Ş. Çınkır), Anı Yayıncılık, Ankara. Seyitoğlu, H. (2003). Bilimsel ...

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Midterm Exam	0	0.00	
Home work-project	0	0.00	
Final Exam	1	100.00	
Total	1	100.00	

Contribution of Term (Year) Learning Activities to Success Grade	0.00
Contribution of Final Exam to Success Grade	100.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	

24	**ECTS / WORK LOAD TABLE**

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	4	5	0	0	0	0	0	0	3	0	0	0	0	0	0	0
ÖK2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	3	4	0	0	0	0	0	0	5	0	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