

Course Title : Research Methods

Code	Course Type	Regular Semester	Lecture (hours/week)	Seminar (hours/week)	Lab (hours/week)	Credits	ECTS
ISC 401	A	1	3	0	0	3.00	6
Lecturer and Office Hours			Atakan Derelioğlu, PhD				
Teaching Assistant and Office Hours							
Language			English, Turkish, Arabic				
Course Level			Master				
Description			Presentation of methodological rules and knowledge that should be taken care in the preparation of an article , presentation and thesis. Reading example texts on the subject. Forming a project, its phases and putting it into implementation are among some other topics.				
Objectives			Basic information about research techniques. Information about the techniques and methods of data collection. The acquisition of the importance of scientific research. Development of a scientific topic in accordance with the methods of scientific research. Prepare the final report of a scientific topic in accordance with the methods of scientific research. Knowledge about the phases of the scientific method.				

Course Outline

Week	Topics
1	Fundamental terms, scientific terms, types of scientific terms
2	Basic research, practices of research
3	The stages of scientific research, scientific methods, fundamental peculiarities of the scientific researches
4	The general information about the main topics that have to do with the research. Definition of the terms "problems, sub problem, hypothesis, assumptions, definitions, examples"
5	The peculiarities of the factors that help us chose the topic of research
6	The propounding sentence of the problem, the peculiarities that should be found in every propounding sentence, hypothesis, sub problems
7	The inquiry of data. The importance and the target of research.
8	Midterm Exam
9	Hypothesis, definition
10	Methods, samples, the method of choosing the sample, collection of data, analysis of data
11	Reporting the result of research. Structuring the cover. Layout and compiling the biography in accordance with the regulation
12	The cases that should be taken into consideration in writing the researches. The peculiarities of the language used, writing the title and paragraph.
13	The cases that should be taken into consideration in writing the researches: Deep notes and their writing, preparation of the bibliography
14	The determination of the resources and the projection of researches-1
15	The determination of the resources and the projection of researches -2
16	Final Exam
Prerequisites	
Textbook	
• Bilimsel Bir Makale Nasıl Yazılır ve Yayınlanır, ROBERT A. DAY, çev.: Gülay Aşkar Altay tübitak yay., Ankara 1996.	
Other References	

Laboratory Work			
Computer Usage			
Other			
Learning Outcomes and Competences			
1	The students learn the definition of the terms, propound, sentence of propound of the problem, sub problem, hypothesis, assumption, definition and example		
2	The students learn to determine the works and the authors needed for the propounding of the problem		
3	They learn to write the necessary qualities that a hypothesis should contain.		
Course Evaluation Methods			
In-term studies		Quantity	Percentage
Midterms		0	0
Quizzes		0	0
Projects		1	50
Term Projects		0	0
Laboratory		0	0
Attendance		0	0
Contribution of in-term studies to overall grade			50
Contribution of final examination to overall grade			50
Total			100
ECTS (Allocated Based on Student) Workload			
Activities	Quantity	Duration (hours)	Total Workload (hours)
Course Duration (Including the exam week : 16 x Total course hours)	16	3	48
Hours for off-the-classroom study (Pre-study, practice)	14	4	56
Assignments	1	26	26
Midterms	0	10	0
Final examination	1	20	20
Other	0	0	0
Total Work Load			150
Total Work Load / 25 (hours)			6
ECTS			6