



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Research Techniques and Scientific Article Writing I							
Course Code		THE530		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To provide information about scientific research and article writing techniques in health sciences.							
Course Content		Explains the ways to be followed in the conduct of a scientific research and the points to be considered in the transfer of the work to the article.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	SAĞLIK BİLİMLERİNDE ARAŞTIRMA YÖNTEMLERİ
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Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of the scientific research
2	Theoretical	historical development of scientific research
3	Theoretical	Research methods strategy and ethical approach
4	Theoretical	Classification of scientific researches
5	Theoretical	Descriptive research (person, place, time)
6	Theoretical	Descriptive research (case and case series)
7	Intermediate Exam	midterm exam
8	Theoretical	Case-control studies
9	Theoretical	Experimental researches
10	Theoretical	Methodological researches
11	Theoretical	pubmed examination and screening
12	Theoretical	How to conduct a literature review (group work)
13	Theoretical	Understanding the research systematic
14	Theoretical	Preparation of poster paper, Preparation of oral papers
15	Theoretical	Writing a Scientific Paper
16	Final Exam	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Assignment	10	0	4	40
Reading	10	0	4	40
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learning the ethical features of research
2	To understand how to do literature review
3	To understand the research systematic
4	Ability to prepare oral and poster presentations



5	To understand writing scientific papers
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Programme Outcomes (*Histology and Embryology (Medical) Master*)

1	To have detailed information about cell structure and function at microscopic level
2	To have theoretical and practical knowledge about experimental methods used in histology
3	To know the ethical rules for publishing and presenting a scientific study
4	To have sufficient knowledge about the laboratory methods used in fertilization and assisted reproduction
5	to have enough knowledge about the general characteristics of human embryology

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	5	3	4	3
P2	4	4	4	3	3
P3	4	3	3	4	4
P4	3	4	4	3	3
P5	3	3	4	3	4

