



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		HDK545		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course aims to give information about scientific research methods.							
Course Content		Scientific research plannig, types of researches, determine of research subject, databases, search of literature, synthesis of article, determine of sample size and report of findings.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Filiz ABACIGİL							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Büyüköztürk Ş, Özcan E, Karadeniz AŞ, Demirel F, Kılıç E. Bilimsel Araştırma Yöntemleri. Pegem Akademi Yayıncılık, Ankara, 2014.
2	Karasar N. Bilimsel Araştırma Yöntemleri, 2013
3	Bakioğlu A, Kurnaz Ö. Araştırmada Kalite, Nobel Yayın Dağıtım, 2014, Ankara.
4	Sönmez V, Alacapınar FG. Bilimsel Araştırma Yöntemleri. 2013
5	Özdamar K. Modern Bilimsel Araştırma Yöntemleri, 2013.
6	Demir SB. Nitel, Nice ve Karma Araştırma Yöntem Yaklaşımları Araştırma Deseni. 2014.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts of research
2	Theoretical	Types of Scientific Research
3	Theoretical	Defining the Research Problem
4	Theoretical	Sampling Methods
5	Theoretical	Data Collection
6	Theoretical	Description Method
7	Theoretical	Experimental Method
8	Intermediate Exam	Midterm Examination
9	Theoretical	Reliability and Validity of Measurement Tools
10	Theoretical	Research Design and Selection of the Appropriate Statistical Test
11	Theoretical	Parametric Tests
12	Theoretical	Non-Parametric Tests
13	Theoretical	Reporting
14	Final Exam	Final Exam
15	Theoretical	Evaluation

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	10	1	1	20
Assignment	2	7	1	16
Midterm Examination	1	6	0	6



Final Examination	1	8	0	8
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to define the basic terms related to research techniques
2	To be able to plan a research topic in conformity with scientific research methods
3	To be able to report research topic in conformity with scientific rules
4	To be able to explain the basic terms related to research techniques
5	To be able to report research topic in review scientific rules

Programme Outcomes (*Obstetrics and Gynecology Nursing Master*)

1	Basing on the nursing degree level qualifications, to be able to comprehend the latest theoretical and applied information at the level of expertise in the field of Gynecology and Obstetrics Nursing, and can improve, deepen and use them.
2	to be able to bring solutions to issues requiring expertise related to Birth, Women's Health and Diseases Nursing, solve problems, evaluate gathered results and if necessary apply them.
3	to be able to combine information in her/his field with those from different fields to create new knowledge, interpret and synthesize and bring solutions.
4	to be able to evaluate information related to her/his field critically and direct the learning.
5	to be able to discuss and share field-information, current developments and her/his own actual works with groups in the same field or in other fields in a systematic manner.
6	to be able to follow evidence-based practices and carry out evidence-creating research in her/his field related to professional practices.
7	to be able to execute field-related works independently and/or within a team.
8	to be able to comprehend statistics, use related software effectively, have skills for choosing the right methods, calculation and interpretation while doing research.
9	to be able to prepare report of the research she/he did or participated and publish in a valued national/international journal and present at meetings.
10	to be able to develop strategy and politics in issues related to Birth, Women Health and Disease Nursing and interpret practice plans and evaluate gathered results in a scientific and ethical framework
11	to be able to establish verbal and written communication by using a foreign language at least at the European language portfolio B2 general level.
12	to be able to comprehend the importance of ethical principles and ethical rules for the individual and society and behave ethically.

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				3
P2	3	3			
P3	3			3	
P4	3	4	4		
P5	3	4	4		
P6		4			
P7		4			
P8		4	3		
P9			5		
P10		3	3		
P11			4		
P12			4		

