



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		İHH644		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	55 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course is designed to provide the students with the knowledge and skills in scientific research planning, research types, research topic determination, databases, source screening, article synthesis, sample size determination, analysis results reporting, analysis of results in researches, the process acquires information on common concepts (keywords, running title, etc.) and magazine selection during the application process.							
Course Content		Scientific research planning, research types, research topic determination, databases, source search, article synthesis, determination of sample size							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, 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	Arıkan, R. (1995). Araştırma teknikleri ve rapor yazma. Ankara: Tutubay
2	Aziz, A. (1994). Araştırma yöntemleri, teknikleri ve iletişim. (Genişletilmiş 2.basım). Ankara: Turhan kitabevi. Bağdatlı, C. (1999). Farklı engramlar kuramına giriş, Bilgi ve Toplum, Türk Dünyası Araştırmaları Vakfı Y., 2, 133-140
3	Day A. R., (çev: Altay A. G.), Bilimsel Bir Makale Nasıl Yazılır ve Yayımlanır , Ankara, 1996
4	Karasar N., Araştırmalarda Rapor Hazırlama , Ankara, 1994
5	Sümbüloğlu V., Sümbüloğlu K., Sağlık Bilimlerinde Araştırma Yöntemleri , Hatiboğlu Yayınevi, Ankara, 1988
6	Yaggy E., (çev: Aktan O.), Bilimsel Çalışma Nasıl Hazırlanır , Makro Yayıncılık, Ankara, 1989.

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific research planning
2	Theoretical	Types of research
3	Theoretical	Determining research topic
4	Theoretical	Browsing sources
5	Theoretical	Databases
6	Theoretical	Determination of sample size
7	Theoretical	Article synthesis
8	Intermediate Exam	Midterm exam
9	Theoretical	Reporting analysis results
10	Theoretical	Analysis of results in research
11	Theoretical	Display of results (tables, graphics, etc.) and interpretation in research
12	Theoretical	Publication submission process in research
13	Theoretical	Frequently encountered concepts (keywords, running title, etc.) during applications
14	Theoretical	Magazine selection
15	Theoretical	Magazine selection
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Midterm Examination	1	10	1	11



Final Examination	1	15	1	16
Total Workload (Hours)				55
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To know scientific research techniques
2	Plan scientific research
3	Ability to identify research topic
4	Specifying the size of the sample
5	Ready to do a scientific research

### Programme Outcomes (Medical Nursing Doctorate)

1	Use conceptual frameworks and/or theories to guide to improve the quality of patient care
2	Developing and intensifying the current and advanced knowledge in medical nursing area with the use of original thinking and/or research processes at a specialist level, based upon the competency in B.S and M.S. levels.
3	Perform evidence - based nursing practice in order to improve the quality of patient care.
4	Analyze the relationship/ knowledge between nursing and other disciplines using critical analysis.
5	Develop scientific research that contributes to nursing knowledge through nursing theories and models
6	Prepare a scientific paper about to publish in domestic/ international academic conference and scientific journal/bulletin/book.
7	Developing a new idea, method, design and/or application which brings about innovation in medical nursing area
8	Establish effective communication showing one's competency to discuss the area-related subjects/Defend original opinions in the area with experts in the domestic/ international environments
9	Establishing written, oral and visual communication / developing argumentation skills in English at an advanced level.
10	Contribute to the society's state and progress towards being an information society by announcing the scientific developments in nursing area.
11	Contribute to the solution of scientific and ethical problems related to medical nursing or promote the development of these values

### 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	1	1	1	2
P2	4	2	2	2	2
P3	4	1	1	1	2
P4	4	1	1	1	3
P5	4	3	3	3	3
P6	4	2	2	2	3
P7	4	3	3	3	3
P8	4	2	2	2	2
P9	4	1	1	1	2
P10	4	1	1	1	2
P11	4	3	3	3	2

