AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Scientific Research and Publication Ethics						
Course Code		İHH645		Couse Level		Third Cycle (Doctorate Degree)		
ECTS Credit	2	Workload	55 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course will focus on the concepts of research ethics, related concepts, the most controversial research topics, clinical research, non-invasive clinical research, how to achieve scientific validity and reliability in animal experiments, the most common research ethics violations and their prevention methods, the ethical application process, information about what is to be traced in case of violation detection, and awareness						
Course Content		The concept of research ethics, related concepts are the most controversial topics of research today, clinical research, non-invasive clinical research, most common research ethics violations						
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	Resnik David B. (2004) Bilim Etiği Ayrıntı Yayınları. İstanbul.
2	Beauchamp TL, Childress J. (2001) Principles of biomedical ethics. New York: Oxford University Press
3	Erdemir AD, Oğuz Y, Elçioğlu Ö, Doğan H.(2001) Klinik Etik Nobel Tıp Kitapevi, İstanbul
4	Pieper A (1999) Etiğe Giriş Ayrıntı Yayınları, İstanbul
5	Erdemir AD. Öncel Ö. Aksoy Ş. (2003) Çağdaş Tıp Etiği Nobel Tıp Kitapevi, İstanbul

Week	Weekly Detailed Course Contents	
1	Theoretical	Concept of research ethics and related concepts
2	Theoretical	Today's most discussed research ethics topics
3	Theoretical	Clinical trials
4	Theoretical	Non-interventional clinical trials
5	Theoretical	Animal experiments
6	Theoretical	How scientific validity and reliability can be achieved in animal experiments
7	Theoretical	The most common research ethics violations and methods to prevent them
8	Intermediate Exam	Midterm Exam
9	Theoretical	The most common research ethics violations and methods to prevent them
10	Theoretical	Issues to be considered in ethics committee applications
11	Theoretical	Issues to be considered in ethics committee applications
12	Theoretical	Sample ethical application process
13	Theoretical	Sample ethical application process
14	Theoretical	Ways to be followed in case of violation detection
15	Theoretical	Ways to be followed in case of violation detection
16	Theoretical	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	Know ethical principles
2	Be aware of research ethics violations and prevent them
3	To be able to provide the best ethical standards
4	To be able to plan ethical research
5	To be able to research ethically

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