



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		İHH534		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	55 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		A comprehension of scientific and scientific research methods and techniques to improve their ability to evaluate researches and put forward research projects.							
Course Content		Scientific research methods, Data collection processes and analysis methods, Publications and basic principles							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case 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	Creswell, J. W. (2014). Nitel, Nicel Araştırma Deseni ve Karma Yöntem Yaklaşımları (Çev. Ed. S. B. Demir), Eğiten Kitap, Ankara
2	Creswell, J. W. (2009). Research Design: Quantitative, Qualitative, and Mixed Methods Approaches, 3rd Edition, Thousand Oaks, CA: Sage
3	Day, R.A. (1996). Bilimsel Bir Makale Nasıl Yazılır ve Yayınlanır? (Çev.: G. A. Altay). TÜBİTAK, Ankara.
4	Karasar, N. (2004). Araştırmalarda Rapor Hazırlama, 12. Baskı, Nobel Yayın Dağıtım, Ankara
5	Karasar, N. (2005). Bilimsel Araştırma Yöntemi: Kavramlar, İlkeler, Teknikler, 15. Baskı, Nobel Yayın Dağıtım, Ankara
6	Lawrence, N. (2010). Toplumsal Araştırma Yöntemleri, Nitel ve Nicel Yaklaşımlar (Çev.: S. Özge), Yayın Odası, İstanbul
7	Çev.: S. Özge, Yayın Odası, İstanbul 7 Seyitoğlu, H. (2003). Bilimsel Araştırma ve Yazma, Gizem Yayınları, İstanbul.

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific research and scientific research processes
2	Theoretical	Scientific research methods (Qualitative research)
3	Theoretical	Scientific research methods (Qualitative research)
4	Theoretical	Measuring instruments used in scientific research
5	Theoretical	Data collection processes and analysis methods
6	Theoretical	Concepts of validity and reliability
7	Theoretical	Determination of research problem and hypotheses
9	Theoretical	Data Collection Tools
10	Theoretical	Methods used in the analysis of data
11	Theoretical	Ethics in scientific research
12	Theoretical	Ethics in scientific research
13	Theoretical	Scientific article writing techniques
14	Theoretical	Scientific article writing techniques
15	Theoretical	Scientific article writing techniques

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 be able to understand scientific research techniques
2	To be able to understand and analyze ethical aspects of specific situations related to science and technology
3	To be able to comprehend ethical theories, scientific research and publication ethics and professional ethics in all aspects
4	To be able to design a scientific research and to be able to do it in accordance with ethical rules
5	To be able carry out a research using the concepts related to the stages of a research process, principles and processes of a research.

Programme Outcomes (Medical Nursing Master)

1	Utilize/apply the concepts, theories and principles of nursing science
2	Demonstrate advance competence in practice of nursing
3	Practice as a nurse specialist.
4	Demonstrate leadership qualities and function effectively as nurse educator and manager.
5	Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
6	Establish collaborative relationship with members of other disciplines
7	Demonstrate interest in continued learning for personal and professional advancement.

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	3	3	3	3	3
P2	1	1	1	1	1
P3	3	3	3	3	3
P4	2	2	2	2	2
P5	4	4	4	4	4
P6	1	1	1	1	1
P7	3	3	3	3	3

