AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Scientific Research Methods						
Course Code		HSH533		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	2	Workload	55 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The main goal of the course ist to improve the understanding of scientific research and to criticise research articles and write simple research proposa						
Course Content		Scientific research and scientific research process, Data collection and analysis processes, The concept and basic principles of publication ethics						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study				
Name of Lecturer(s)		Prof. Filiz ABACIGİL, Prof. Filiz ADANA						

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 Yayımlanır? (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	Seyitoğlu, H. (2003). Bilimsel Araştırma ve Yazma, Gizem Yayınları, İstanbul.

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific research and scientific research process
2	Theoretical	Scientific research methods (Qualitative Research)
3	Theoretical	Scientific research methods (Quantitative Research)
4	Theoretical	Measurement instruments used in scientific research
5	Theoretical	Data collection and analysis processes
6	Theoretical	Validity and reliability concepts
7	Theoretical	Identification of research problem and hypothesis
8	Intermediate Exam	EXAM
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
16	Final Exam	FINAL

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 understand the scientific research techniques
2	To understand and to analyze the ethical aspects of certain situations related to science and technology
3	To comprehend ethical theories,scientific research and publication ethics and all aspects of the concept of professional ethics
4	To design and conduct a scientific research in accordance with ethical rules
5	To design and conduct a scientific research in accordance with ethical rules

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	3	3	3	3	3
P3	3	3	3	3	3
P4	3	3	3	3	3
P5	3	3	3	3	3
P6	3	3	3	3	3
P7	3	3	3	3	3