



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Quantitative Research							
Course Code		İHH629		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	145 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The purpose of thiscourse isexamine the quantitative research methods, quantitative research designsand to gainin formation about theprocess, using quantitative research methods							
Course Content		This course imparts knowledge about quantitative subjects electionprocess, the main methodsused in quantitative research, the positive and negative aspects of qualitative research, identification of quantitative research hypotheses, hypothesisypes, sampling methods, phases of quantitative research process, quantitative research designs.							
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	http://www.donumkonagi.net/makale.asp?id=5808&baslik=nicel_ve_nitel_Arastirma_yontemleri&i=Arastirma_yontemleri
2	http://oc.eab.org.tr/egtconf/pdfkitap/pdf/557.pdf
3	Arıkan, R. (2011). Araştırma Yöntem ve Teknikleri, Ankara: Nobel.
4	Arseven, A. D. (1994). Alan Araştırma Yöntemi. Ankara: Gül Yayınevi.
5	Balso, M. D. ve Lewis, A. D. (2007). Recherche en Sciences Humaines une Initiation à la Méthodologie, Modulo, Montréal (Québec).
6	Böke, K. (2009). Sosyal Bilimlerde Araştırma, Kaan Böke (Der.) Sosyal Bilimlerde Araştırma Yöntemleri: 3-32. İstanbul: Alfa.
7	Büyükoztürk, Ç.; Çakmak, E. K.; Akgün, Ö. E.; Karadeniz, Ü. Demirel, F. (2012). Bilimsel Araştırma Yöntemleri, Ankara: Pegem Akademi.
8	Day, R. A. (2001). Bilimsel Bir Makale Nasıl Yazılır ve Yayımlanır? (Çev: Gülay A. Kar Altay), TÜBİTAK.
9	Gazo, D. (2011). Recherche et Methode Scientifique, SCI6060-Methodes de recherche en sciences de l'information, Cours 1-7 Janvier 2011.
10	Genç, S. Z. (2010). Bilimsel Araştırma Basamakları, Remzi Y. Kınal (Der.) Bilimsel Araştırma Yöntemleri: 79-95. Ankara: Nobel Yayın Dağıtım.
11	Gökçe, B. (1988). Toplumsal Bilimlerde Araştırma, Ankara: Savaş Yayınları.
12	Harzallı, F. (2010). Initiation à la Recherche. Université de Jendouba ISSEP du KEF.
13	Kaptan, S. (1982). Bilimsel Araştırma Teknikleri ve İstatistikî Yöntemler, Ankara: Hacettepe Üniversitesi.
14	Learn Alberta.ca. (2008). Recherche Scientifique, Alberta Education, Canada.
15	Mailhot, M. O. (2005), Les Etapes d'un Travail de Recherche, Institut Reine-marie.
16	Moseley, A. (2010). A'dan Z'ye Felsefe, İstanbul: NTV Yayınları.
17	Punch, K. F. (2011). Sosyal Araştırmalara Giriş, Ankara: Siyasal Kitapevi.
18	Schneider, D. K. (2006). Balises de Methodologie Pour la Recherche en Sciences Sociales, TECFA Faculte de Psychologie et des Sciences de l'Education, Geneve
19	Schneider, D. K. (2007). Methodes Qualitatives en Sciences Sociales, TECFA Faculte de Psychologie et des Sciences de l'Education, Geneve.
20	Tremblay, R.R. ve Y. Perrier (2006). Outils et Methodes de Travail Intellectuel, les Editions de la Cheneliere inc.
21	Yeil, R. (2010). Nicel ve Nitel Araştırma Yöntemleri, Remzi Y. Kınal (Der.) Bilimsel Araştırma yöntemleri: 49-77. Ankara: Nobel Yayın Dağıtım.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Quantitative Research Methods
	Preparation Work	Researching, reading
2	Theoretical	The topics election process in quantitative research
	Preparation Work	Researching, reading



3	Theoretical	The main objective of quantitative research
	Preparation Work	Researching, reading
4	Theoretical	The main methods used in quantitative research
	Preparation Work	Researching, reading
5	Theoretical	Descriptives research designs
	Preparation Work	Researching, reading
6	Theoretical	Experimental research designs
	Preparation Work	Researching, reading
7	Theoretical	Semi-Experimental research designs
	Preparation Work	Researching, reading
8	Preparation Work	Researching, reading
	Intermediate Exam	Mid-Term Exam
9	Theoretical	Before the experiment designs
	Preparation Work	Researching, reading
10	Theoretical	Case-control studies
	Preparation Work	Researching, reading
11	Theoretical	Internal validity and external validity
	Preparation Work	Researching, reading
12	Preparation Work	Researching, reading
13	Theoretical	Interview
	Preparation Work	Researching, reading
14	Theoretical	Observation
	Preparation Work	Researching, reading
15	Theoretical	The writing of the research report
	Preparation Work	Researching, reading
16	Preparation Work	Researching, reading
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	2	2	60
Midterm Examination	1	35	5	40
Final Examination	1	40	5	45
Total Workload (Hours)				145
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Understanding of quantitative research methods
2	Reading of quantitative research articles
3	Understanding and critizing of quantitative research articles
4	Planning of quantitative research
5	Writting of quantitative research report writing

Programme Outcomes (Midwifery Doctorate)

1	To be able to develop and deepen in the level of expertise with original thinking and / or research in recent and advanced information in the midwifery area as based on midwifery postgraduate qualification, and to create the original definitions bring innovation to the area, to evaluate and use new information in a systematic approach
2	To be able to develop the new / known idea, method and / or application included innovation to the midwifery science and art using the mental processes as creative and critical thinking, problem solving and decision making, to applies to the different area, to make the critical analysis, synthesis and evaluation of new and complex ideas.
3	To be able to use strategic decision-making processes in the solution of problems related midwifery, to adopted and practice continuous professional development and lifelong learning policy.
4	To be able to understand the interaction between disciplines associated with midwifery, to reaches the original results using the information requiring expertise in the analysis, synthesis and evaluation of the new and complex ideas.



5	To be able to has the experience ability of working with other health care disciplines, to make the leadership in interdisciplinary problem solving, to discuss with experts putting out original ideas issues in the field and to use the effective communication showing her competence.
6	To be able to contribute to the solution of social, scientific, cultural and ethical problems encountered in the issues related with midwifery, and support the development of these values.
7	To be able to know the importance of ethical principles and ethics committee for the individual and society, examine and develop governing norms social relations and these relationships with a critical perspective, and if it is necessary, manage action to change.
8	To be able to contribute to advances in the field performing independently an original work developing the new idea, method, design and / or application coming innovation to the midwifery science and art or implementing a known idea, method, design and / or application to a different area.
9	To be able to follow up evidence-based practices and to conduct researches related to professional practice to create evidence in their field.
10	To be able to has knowledge and skills in high-level about statistics the methods used in the midwifery researches, and select, implement and interpret the correct statistical methods in her research, evaluate a scientific article in terms of research methods and statistics.
11	To be able to writ report of the research that she participate, contribute to knowledge in the field presenting at least one scientific article national / international accepted by a peer-reviewed publications in journals and / or presenting at scientific meetings.
12	To be able to have knowledge and skills to use advanced computers, other technological tools and specific to the device required for midwifery area, and to develop creative solutions to a problem.
13	To be able to use current developments and information in the field of health to benefit of society in the direction of mothers, babies, family, national values and the realities of the country, contribute to be the information society and the process of maintain it by introducing the development his society.

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	5	5	5	5	5
P2	5		5		
P3			5		
P4		5			
P5	5				
P6					5
P7					5
P8	5	5			
P9		5			
P10		5			
P11				5	
P12				5	
P13				5	

