


**AYDIN ADNAN MENDERES UNIVERSITY  
COURSE INFORMATION FORM**

Course Title	Quantitative Research						
Course Code	İHH629		Couse Level		Third Cycle (Doctorate Degree)		
ECTS Credit	6	Workload	145 (Hours)	Theory	2	Practice	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, hypothesisatypes, 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.donusumkonagi.net/makale.asp?id=5808&baslik=nitel\\_ve\\_nitel\\_Arastirma\\_yontemleri&i=Arastirma\\_yontemleri](http://www.donusumkonagi.net/makale.asp?id=5808&baslik=nitel_ve_nitel_Arastirma_yontemleri&i=Arastirma_yontemleri)
- 2 <http://oc.eab.org.tr/egtconf/pdfkitap/pdf/557.pdf>
- 3 Arıkan, R. (2011). Ara\_tırma Yöntem ve Teknikleri, Ankara: Nobel.
- 4 Arseven, A. D. (1994). Alan Ara\_tırma Yöntemi. Ankara: Gül Yayınevi.
- 5 Balso, M. D. ve Lewis, A. D. (2007). Recherche en SciencesHumainesunelInitiation a laMéthodologie, Modulo, Montréal (Québec).
- 6 Böke, K. (2009). Sosyal Bilimlerde Araştırma, Kaan Böke (Der.) Sosyal Bilimlerde Araştırma Yöntemleri: 3-32. İstanbul: Alfa.
- 7 Büyüköztürk, \_; Çakmak, E. K.; Akgün, Ö. E.; Karadeniz, \_\_ Demirel, F. (2012). Bilimsel AraştırmaYöntemleri, 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 MethodeScientifique, SCI6060-Methodes de recherche en sciences de ? l'information, Cours 1-7 Janvier 2011.
- 10 Genç, S. Z. (2010). Bilimsel Araştırma Basamakları, Remzi Y. Kincal (Der.) Bilimsel Araştırma Yöntemleri: 79-95. Ankara: Nobel Yayın Dağıtım.
- 11 Gökçe, B. (1988). Toplumsal Bilimlerde Araştırma, Ankara: Savaş Yayıncılıarı.
- 12 Harzalli, F. (2010). Initiation a le Recherche. Universite de Jendouba ISSEP du KEF.
- 13 Kaptan, S. (1982). Bilimsel Araştırma Teknikleri ve İstatistik Yöntemler, Ankara: Hacettepe Üniversitesi.
- 14 LearnAlberta.ca. (2008). RechercheScientifique, AlbertaEducation, Canada.
- 15 Mailhot, M. O. (2005), LesEtapesd'unTrvail de Recherche, InstitutReine-marie.
- 16 Moseley, A. (2010). A'dan Z'ye Felsefe, stanbul: NTV Yayınlari.
- 17 Punch, K. F. (2011). Sosyal Araştırmalara Giriş, Ankara: Siyasal Kitapevi.
- 18 Schneider, D. K. (2006). Balises de MethodologiePour la Recherche en SciencesSociales, TECFA Faculte de Psychologie et desSciences de l'Education, Geneve
- 19 Schneider, D. K. (2007). MethodesQualitatives en SciencesSociales, TECFA Faculte de Psychologie et desSciences de l'Education, Geneve.
- 20 Tremblay, R.R. ve Y. Perrier (2006). Outils et Methodes de TravailIntellectuel, lesEdstsons de la Cheneliereinc.
- 21 Yeil, R. (2010). Nicel ve Nitel Araştırma Yöntemleri, Remzi Y. Kincal (Der.) Bilimsel Araştırma yöntemleri: 49-77. Ankara: Nobel Yayın Dağıtım.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Quantitative ResearchMethods
	Preparation Work	Researching, reading
2	Theoretical	The topics election processin 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	Descriptive 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 criticizing of quantitative research articles
4	Planning of quantitative research
5	Writing of quantitative research report writing

**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	3	3	3	3
P2	4	4	4	5	4
P3	4	4	4	5	5
P4	4	4	4	4	4
P5	4	5	5	5	5
P6	4	5	5	4	4
P7	3	4	4	5	5
P8	3	3	3	3	3
P9	3	3	3	3	3
P10	5	4	4	5	5
P11	3	3	4	4	4

