



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, hypothesisistypes, 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. Kincal (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. Kincal (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 (Surgical Nursing Doctorate)

1	Based on nursing graduate qualification, improves the level of expertise knowledge in surgical nursing, deepens and reaches the original definition which will bring science to innovation
2	Understands the interaction between the various disciplines in the field of nursing, new and complex ideas, analysis, synthesis and evaluation using information that requires expertise in reaching the original results
3	Approaches in a systematic way for new information about the nursing field and gains high-level skills in research methods in the field
4	Develops a new scientific method bringing innovations in science or applies a known method to a different area, searches for a specific topic, designs and implements
5	Expands the boundaries of knowledge in the field published in national and / or international peer-reviewed journals in the feel of Surgical Nursing
6	Can make original and interdisciplinary leadership in contexts that require solving problems.



7	Develops a solution method for a problem in the field of surgical nursing and fictionalizes independently
8	Can communicate effectively showing the defense efficiency expert opinion within the original community.
9	Finds solutions to develop new strategic approaches, unpredictable complex situations encountered in practice in the field of Surgical diseases nursing
10	Manners current developments and own studies in the field and outside groups in written, oral and visual in a systematic way in Surgical nursing field
11	Communicates at least one European language in B2 that is the general level of oral and written portfolio("European Language Portfolio Global Scale", Level B2)
12	Uses advanced communication technologies with information on the required level of computer software in the field of nursing and surgical diseases together
13	Plans implementation on issues related to the field of nursing, and evaluate the framework of quality processes of surgical disease and obtains to develop this results
14	Shares values about stages of the nursing field data collection, interpretation and dissemination related to surgical diseases by taking into consideration the scientific and ethical values
15	Applies internalized knowledge and problem-solving skills in the field of surgical nursing in interdisciplinary studies
16	Adheres to the social, scientific and professional ethics

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P4	4	4	4	4	4
P5	4	4	4	4	4
P14	4	4	4	4	4

