



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 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The purpose of this course is to examine the quantitative research methods, quantitative research designs and to gain information about the process, using quantitative research methods								
Course Content	This course imparts knowledge about quantitative subjects election process, the main methods used in quantitative research, the positive and negative aspects of qualitative research, identification of quantitative research hypotheses, hypothesis types, 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 unelInitiation a la Méthodologie, 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 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. Kıncal (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 a le Recherche. Universite 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 Edtsons de la Cheneliere inc.
21	Yeil, R. (2010). Nicel ve Nitel Araştırma Yöntemleri, Remzi Y. Kıncal (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	Writing of quantitative research report writing

Programme Outcomes (Obstetrics and Gynecology Nursing Doctorate)

1	.
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9



10	10
11	11
12	12
13	13

