



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		HRS642		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	55 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course covers the research planning, types of research, research subject determination, databases, source scanning, article synthesis, sample size determination, analysis of the results of the research, analysis of results, presentation (table, graph etc.) and interpretation of research, publication application in research process, frequently encountered concepts during applications (keywords, running title, etc.) and provides information about the selection of journals.							
Course Content		Scientific research planning, research types, determination of research topic, databases, source scanning, article synthesis, determination of sample size							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Arıkan, R. (1995). Araştırma teknikleri ve rapor yazma. Ankara: Tutibay
2	Aziz, A. (1994). Araştırma yöntemleri, teknikleri ve iletişim. (Genişletilmiş 2.basım). Ankara: Turhan kitabevi.
3	Karasar N., Araştırmalarda Rapor Hazırlama , Ankara, 1994

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific research planning
2	Theoretical	Types of research
3	Theoretical	Determining the research topic
4	Theoretical	Source scanning
5	Theoretical	Databases
6	Theoretical	Determination of sample size
7	Theoretical	Article synthesis
8	Intermediate Exam	MIDTERM
9	Theoretical	Reporting of analysis results
10	Theoretical	Analysis of results in research
11	Theoretical	Representation and interpretation of results (tables, graphs, etc.)
12	Theoretical	Process of publication application in research
13	Theoretical	Common concepts (keywords, running title, etc.) during applications
14	Theoretical	Journal selection
15	Theoretical	Journal selection
16	Final Exam	Final exam

### 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 be able to plan scientific research
2	To determine the research topic
3	Ability to determine sample size
4	Report the research
5	To publish the research

**Programme Outcomes** (*Mental Health and Psychiatric Nursing Doctorate*)

1	Student has the current teorical and practical knowledge in master's degree in Psychiatric Nursing field based on his previous learning in bachelor's degree, student realises the knowledge, deepens and uses it.
2	Student shares and discusses his/her knowledge, current developments and his/her own researches systematically with groups from or outside of his/her field in written, verbal, or visual ways
3	Student follows based on evidence practises and makes researches creating evidence about Professional application in his/her own field.
4	Student manages researches about his/her field independently or in an team.
5	Students have information on statistics, uses related softwares efficiently, chooses correct statistical methods while making researches, has the skills to calculate and comment.
6	Student can write the report of the research he/she made or participated and publishes it in an internationally accepted refereed journal or presents it in academical meetings.
7	Student can make strategy and policy in topics related to Mental Health and Disorders Nursing, comments practise plans, and evaluates obtained results in scientific and ethical frame.
8	Student makes verbal and written communication using one foreign language at least B2 level in European Language portfolio.

**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
P8	3	3	3	3	3

