



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods and Techniques							
Course Code		PDR501		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	125 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To be able to prepare the research proposal, to collect data in accordance with the aims and types of the research, to gain the ability to report the collected data.							
Course Content		Research Techniques course; is a course that provides the basic concepts of research, research proposal, methods and techniques, collecting data suitable for research types, processing and analyzing and interpreting data, writing reports and taking a scientific approach to solving the problems encountered.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Gökhan AKSU							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	30
Project	2	30

### Recommended or Required Reading

1	Karasar, N. (1999). Bilimsel Araştırma Yöntemi. Kavramlar, ilkeler ve teknikler (9.baskı). Ankara:Nobel Yayın Dağıtım.
2	Gay, L. R. and Airasian, D. (2000). Educational Research Competencies for Analysis and Application. 6th Edition. New Jersey: Prontice- Hall, inc.
3	Özdamar, N. (2003). Modern Bilimsel Araştırma Yöntemleri. Eskişehir: Kaan Kitapevi.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts of research (Science, scientific method)
2	Theoretical	Research (Definition, types, stages)
3	Practice	Preparing a research proposal
4	Practice	Preparing a research proposal
5	Practice	Preparing a research proposal
6	Practice	Preparing a research proposal
7	Practice	Preparing a research proposal
8	Intermediate Exam	Midterm
9	Theoretical	Method (Research model and types)
10	Practice	Collection of data (Definition, types and sources)
11	Theoretical	Data collection techniques (Observation, questionnaire, interview, documentary screening)
12	Theoretical	Technical characteristics of the measurement tools
13	Practice	Processing, solution and interpretation of data
14	Theoretical	Summary, judgment and suggestions and report writing
15	Theoretical	general evaluation
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	7	1	1	14
Lecture - Practice	7	6	2	56
Project	2	16	0	32
Midterm Examination	1	8	0	8



Final Examination	1	15	0	15
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows the basic concepts of the research.
2	Prepares research proposal
3	Selects the appropriate research method and technique.
4	Analyzes data according to purpose
5	Writes the research report in accordance with the rules.

### Programme Outcomes (Guidance and Counseling Master)

1	To deepen the general knowledge in the field of guidance and psychological counseling within the framework of basic theories and practices, to have a comprehensive understanding of guidance and psychological counseling theories and models
2	Ability to apply appropriate psychological counseling skills, interventions and strategies at school level by conceptualizing child and adolescent clients' problems within the framework of psychological counseling theories.
3	Establishing, maintaining and terminating the professional help relationship by making use of psychotherapeutic theories, skills and conditions so that children and adolescents can recognize, understand, accept and develop themselves.
4	Knows contemporary educational theories and approaches, using these theories and approaches while supporting the development of the individual, society and education system
5	To have an understanding of the expertise area of psychological counseling on the basis of school
6	Developing a unique understanding of psychological counseling on a school basis
7	To follow national and international publications in the field of guidance and psychological counseling and to follow scientific activities (congress, summer school programs) publications.
8	Carrying out the necessary studies for the implementation of psychological counseling and guidance programs to the life of the clients and the continuous development of the clients.
9	To be able to conduct scientific research in the field of guidance and psychological counseling.
10	Being able to pay attention to prioritizing the scientific method and perspective in their work.
11	To be able to establish and maintain the determination of guidance and psychological counseling services in school-based services in accordance with ethical principles, rules and laws.
12	Being determined to act in accordance with school psychological counseling professional identity
13	Developing culture sensitive psychological counseling skills and using them in school practices.

### 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	4	5	5	5
P2	4	4	5	5	4
P3	4	5	4	5	5
P4	4	5	5	4	5
P5	5	5	5	5	4
P6	5	4	5	5	5
P7	5	4	4	4	5
P8	5	5	4	4	5
P9	5	5	4	4	5
P10	4	5	5	4	5
P11	5	5	5	5	5
P12	4	5	5	5	5
P13	4	4	5	5	5

