AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research Methods							
Course Code	VPR676			Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about Scientific Research Technics.							
Course Content	The course provides a guidance towards the practice of scientific thought accepted as a universally common language and looks into the criteria for scientific language and writing. It also introduces the principles used in productive work such as theses, reports and articles which require internationally common writing and expression techniques. It also aims at introducing the steps of carrying out research and help students gain the ability to write on an international level.							
Work Placement	N/A							
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration							
Name of Lecturer(s)	Prof. Serkan BAKIRCI							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Robert A. Day, Bilimsel Makale Nasıl Yazılır, Nasıl Yayımlanır Tübitak Yayınları 1996
2	Rauf Arıkan, Araştırma Teknikleri ve Rapor Hazırlama, Ankara 2005
3	Niyazi Karasar, Bilimsel Araştırma Yöntemi, Nobel Yayın Dağıtım 2012
4	Durmuş Ekiz, Bilimsel Araştırma Yöntemleri, Anı Yayıncılık 2009

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic notion, principles and approaches
2	Theoretical	Source of information; science and scientific method
3	Theoretical	Research and research education
4	Theoretical	Recerach procedure and techniques /Techniques to write a report
5	Theoretical	Quoting and bibliography
6	Theoretical	Quoting and bibliography
7	Theoretical	Research model
8	Intermediate Exam	Midterm Examination
9	Theoretical	Objectives and Sub-Objectives; matter, assumptions, limitations and definitions
10	Theoretical	Population and sample
11	Theoretical	Data and data collecting techniques
12	Theoretical	Data processing and analysis
13	Theoretical	Results and their interpretation
14	Theoretical	Summary , verdict and recommendations; Preparing a sample report
15	Theoretical	Discussion
16	Final Exam	Final examination
17	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11

Final Examination	1	10	1	11
		Total Workload (Hours)		50
		[Total Workload (Hours) / 25*] = **ECTS**		2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to apply the procedures pertaining to scientific research method
2	To be able to apply scientific writing techniques
3	To be able to identify publication types and evaluate them
4	To be able to do Internet, library and literature research
5	To be able to write a scientific research report.

Programme Outcomes *(Parasitology (Veterinary Medicine) Doctorate)*

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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	5	5	5	5	2
P2	3	3	5	4	5
P3	5	5	5	3	2
P4	5	5	5	5	5
P5	1	1	1	1	1
P6	5	5	5	4	5
P7	1	1	1	1	1
P8	5	5	5	5	5
P9	5	5	5	5	2
P10	5	5	5	2	2
P11	5	5	5	4	5
P12	5	5	5	2	2