



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Research Methods and Techniques							
Course Code		OHS532		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To teach scientific working methods. To teach how to plan and create a scientific study by using these methods, to give information about the concept of ethics							
Course Content		Discussion of scientific and scientific knowledge, importance of scientific research, writing of research report and presentation of research results							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Prof. Mustafa SÜRMEN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Muhtelif makaleler
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Week	Weekly Detailed Course Contents	
1	Theoretical	Discussion of Science and Scientific Knowledge
2	Theoretical	Importance of Scientific Research
3	Theoretical	Scientific Research Question
4	Theoretical	Data Collection
5	Theoretical	Survey
6	Theoretical	Survey scaling
7	Theoretical	References
8	Intermediate Exam	midterm exam
9	Theoretical	Sampling
10	Theoretical	Reliability and Validity in Research
11	Theoretical	Important Statistical Techniques
12	Theoretical	Survey evaluation
13	Theoretical	Research Report
14	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Reading	1	8	0	8
Midterm Examination	1	10	0	10
Final Examination	1	15	0	15
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learn the contents of scientific research
2	Have knowledge about method
3	Anket tekniğini öğrenir



4	Learn to prepare bibliography
5	Prepare research report

Programme Outcomes (*Occupational Safety and Health Interdisciplinary Master's Without Thesis*)

1	Sufficient knowledge accumulation in Mathematics, Physical Sciences and Occupational Health and Safety topics; the ability to implement theoretical and practical knowledge in these fields in order to solve and model Occupational Health and Safety problems.
2	The ability to detect, to identify, to formulate and to solve complicated problems in Occupational Health and Safety and related fields by choosing and implementing appropriate analysis methods.
4	The ability to improve, to choose, to use modern and technical tools required for Occupational Health and Safety applications and the ability to benefit from information technologies effectively.
5	The ability to design experiments so as to inspect Occupational Health and Safety problems, to carry out experiments, to gather data, to analyse results and to comment on results.
11	Information about effects of Occupational Health and Safety applications on health, environment and safety in universal and social extend; awareness about national and international legislative regulations and standards, awareness about legal conclusions of Occupational Health and Safety solutions.

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	3	5	3	4
P2	4	4	4	5	4
P4	5	5	5	4	5
P5	5	4	4	5	5
P11	4	5	5	4	5

