



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Research Methods and Techniques							
Course Code		FZ070		Coure Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	53 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Examination of the research process, examination of the main research methods and usage patterns, literature research, collection of data, evaluation of data and create a report, using of simple statistical values							
Course Content		Research of literature, collection and evaluation of data, create a report, learning of simple statistical calculations.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Project Based Study					
Name of Lecturer(s)		Assoc. Prof. Erman ORYAŞIN, Ins. Hanife Gül BOZKURT, Lec. Mert SOYSAL							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Prof. Dr. Kazım Özdamar, Modern Scientific Research Methods, 3.Baskı
2	James N. Miller & Jane C. Miller, Statistics and Chemometrics for Analytical Chemistry, 6th Edition

Week	Weekly Detailed Course Contents	
1	Theoretical	Science and Information
2	Theoretical	Scientific research
3	Theoretical	Access to scientific information
4	Theoretical	Approach to research
5	Theoretical	Data collection tools
6	Theoretical	Simple statistical calculations
7	Theoretical	Example problem solving
8	Intermediate Exam	Midterm
9	Theoretical	Example problem solving
10	Theoretical	Data - Confidence limits
11	Theoretical	Data - Confidence limits
12	Theoretical	Example problem solving
13	Theoretical	Example problem solving
14	Theoretical	Example problem solving
15	Theoretical	Example problem solving

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	0	10
Final Examination	1	15	0	15
Total Workload (Hours)				53
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Recognition of the research process
2	Determination of the paths to be followed in the research process



3	Research data collection and evaluation process
4	Reporting the research results in accordance with the general rules
5	Presentation of prepared reports

Programme Outcomes (Medical Documentation and Secretarial Practices)

1	Write and pronounce medical terms correctly.
2	Collect data of medical statistics and report the results periodically after analyzing them scientifically.
3	Learn basic structure of human body and important system diseases.
4	Know principles and rules of medical secretaryship. Protect patients' rights and privacy.
5	Use Turkish and body language in a correct and effective way.
6	Run internal and external correspondence of the foundation, keep the files of the documents after classification, organize them and archive in line with filing techniques.
7	Establish verbal and written communication inside the foundation and out of foundation.
8	Make the coding procedure of diseases and health problems according to existing international classification systems.
9	Run the counseling services for patients and their relatives.
10	Solve the problems that are encountered in work life quickly and effectively.
11	Use the necessary equipment for professional practices such as computer and office devices effectively.
12	Improve professional knowledge and skills continuously.
13	Executes any patient registration-documentation processes
14	Makes archiving operations
15	Prepares medical documents
16	Knows Turkish history and Atatürk's revolutions.
17	Adapt to team work in application areas.
18	Knows and defines diseases.
19	Have general information about the world and biological formations.
20	English speaking writer

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	5	5	5	5	5
P5	5	5	5	5	5
P7	2	2	2	2	2
P10	4	4	4	4	4
P11	5	5	5	5	5

