AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Research Methods and Techniques					
Course Code	FZ070		Couse Level	Short Cycle (Associate's Degree)		
ECTS Credit	2	Workload	53 *(Hours)*	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 İnformation
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 *(Anesthesia)*

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Ataturk's principles and the history of Turkish Revolution
3	To be able to recall the knowledge about ethical and moral values
4	To be able to recall the knowledge of Turkish grammer and be able to use it
5	To be able to communicate effectively with patient, their family, and own team
6	To be able to control, use, and maintain the anesthesia machines
7	To be able to recall the information about anesthesia application in the system diseases
8	To be able to recall the issues that needed to be considered in follow-up of patients in intensive care.
9	To be able to make the patiens' care in intensive care
10	To be able to apply the cardiopulmonary resuscitation.
11	To be able to apply the drug, liquid and blood to the patient.
12	To be able to apply nasogastric tube to the patient and to aspirate.
13	To be able to assist the implementation of general anesthesia to patient.
14	To be able to recall the drugs used in general and regional anesthesia and learn to use them safely.
15	PO15. Can help during the maintanence, ending and post anaesthesia process.
16	Can help the practices of anesthesia and sedation outside the operation room.
17	Can communicate at the basic level of a foreign language and use this language in his job.
18	Be able to communicate at a basic level in a foreign language and be able to use this language in professional fields
19	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of field

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P3	3	3	3	3	3