AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Human Physiology						
Course Code	AN105		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	48 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	It is aimed to teach the information and skills related to the base functions of the body, and the structure made up the systems and organs' physiological features.						
Course Content	It is aimed to teach the information and skills related to the base functions of the body, and the structure made up the systems and organs' physiological features.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Individual Study					
Name of Lecturer(s)	Ins. Aslı ÇANAKÇI						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Medical physiology. Ganong, W.F.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts and terms of physiology
2	Theoretical	Cell's tasks
3	Theoretical	Respiratory mechanism
4	Theoretical	Oxygen and carbondioxyde transfer and functions in blood
5	Theoretical	Oxygen and carbondioxyde transfer and functions in blood
6	Theoretical	Heart functions
7	Theoretical	Blood and lymph circulation
8	Intermediate Exam	Midterm exam
9	Theoretical	Blood and liquid electrolytes
10	Theoretical	Central nervous system
11	Theoretical	Peripheral nervous system
12	Theoretical	Endocrine system
13	Theoretical	Excretory system
14	Theoretical	Digestive system
15	Theoretical	Sense organs

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
			Total Workload (Hours)	48
			[Total Workload (Hours) / 25*] = **ECTS**	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Know the physiological structure of the human body
2	Know the physiology of respiratory system
3	Know the physiology of circulatory system
4	Know the physiology of nervous system

5	Know the physiology of other body systems and sense organs

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
P1	5	5	5	5	5