



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 (<i>Hours</i>)	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)		Lec. Adem KESKİN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Medical physiology. Ganong, W.F.
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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 carbondioxide transfer and functions in blood
5	Theoretical	Oxygen and carbondioxide 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
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Programme Outcomes (First and Emergency Aid)

1	To be able to be aware of their professional authorities and responsibilities.
2	To be able to use the principles of individual and organizational communication skills.
3	To be able to define the emergency medical services and the pre-hospital emergency medical system devices used in Turkey and the world .
4	To be able to perform physical assessment of the patient and primary and secondary inspection.
5	To be able to apply the methods of handling and transportation of the patient
6	To be able to recognize the rules of the general approach to trauma patients and to be able to be capable of handling and maintenance of trauma equipment.
7	To be able to recognize emergency vehicles' mechanical and technical equipment and to be able to drive emergency vehicles.
8	To be able to identify the principles of pre-hospital emergency care in cases of environmental emergencies.
9	To be able to identify the principles of pre-hospital emergency care in medical emergencies.
10	To be able to analyze the ECG rhythm and apply the principles of pre-hospital emergency care for rhythm Disorders.
11	To be able to recognize and apply the pre-hospital emergency care drugs and fluids.
12	To be able to identify basic life support applications, Advanced Life Support applications and Advanced air way applications.
13	To be able to recognize the principles of pre-hospital emergency during disasters.
14	To be able to protect and maintain the highest level of physical and mental health.
15	To be able to recognize human anatomy and physiology.
16	To be able to develop good communication and human relations skills with colloques and patients.
17	To be able to apply Infection Control Methods and check infectional situations of emergency vehicles and equipment, ensure the conditions of asepsis-antisepsis and pre-hospital emergency care with Infectious Diseases.
18	To have the appropriate knowledge of medical 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
P15	5	5	5	5	5

