



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Basic Topics In Biology II							
Course Code		ÇS007		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To inform the students who are educated in the health field about the tissues which is formed the living being, and systems. Also informed about the evolution of these systems from single-celled protists to multi-celled mammalian.							
Course Content		Tissues and its' varieties, circulatory, respiratory, digestive, support and movement, reproductive, nervous system, hormones and the five senses.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Lec. Sevil ÖZCAN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Genetic (2003) William S. Klug & Michael R. Cummings (Trans. Prof. Dr. Cihan Öner), Palme Press.
2	Basic Rules of The Life Vol. 1 (2004) Prof. Ali Demirsoy, Meteksan
3	Biology (2000) William T. Keeton, James L. Gould & Carol Grant Gould (Trans. Prof. Dr. Ali Demirsoy, Prof. Dr. İsmail Türkan ve Prof. Dr. Ertunç Gündüz) Palme Press.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of the tissue, varieties and its' importance for living being.
2	Theoretical	Herbal tissues.
3	Theoretical	Animal tissues (epithelium, connective tissue).
4	Theoretical	Animal tissues (blood, muscular, nevre tissue).
5	Theoretical	Circulatory system, its' tasks and variety.
6	Theoretical	Respiratory system, its' tasks and variety.
7	Theoretical	Midterm
8	Theoretical	Digestive system, its' tasks and variety.
9	Theoretical	Skelatal and Muscular systems, its'tasks and variety.
10	Theoretical	Excretory system, its' tasks and variety.
11	Theoretical	Reproductive system, its' tasks and variety.
12	Theoretical	Nevrous system, its' tasks and variety.
13	Theoretical	Endocrine system, hormones, variety, tasks and their functionings.
14	Theoretical	The five senses (seeing, hearing, smelling).
15	Theoretical	The five senses (the sense of touch, taste).

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	3	5	2	21
Midterm Examination	1	10	1	11
Final Examination	1	14	1	15
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Knows the tissue definition, types and the importance of the textural formation for living organisms.
2	Knows the duties of the different systems, and the occurrence of different types of systems in living things, and have different varieties of them depending on the environment.
3	Knows the types and functions of the hormones in living things.
4	Knows the five senses and their types in different living groups.
5	Knows the types of systems in different living things.

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 colleagues and patients.
17	To be able to apply Infection Control Methods and check infectious 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
P1	1	1	1	1	1
P2	1	1	1	1	1
P3	2	2	2	2	2
P4	2	2	2	2	2
P5	2	2	2	2	2
P6	2	2	2	2	2
P7	1	1	1	1	1
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	1	1	1	1	1
P11	1	1	1	1	1
P12	2	2	2	2	2
P13	1	1	1	1	1
P14	3	3	3	3	3
P15	5	5	5	5	5
P16	3	3	3	3	3
P17	4	4	4	4	4

