AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	The Basic Principles of Physiology								
Course Code	CGB104		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	4	Workload	106 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Learning of the principles of the normal function of body cells, tissues, organs and systems in healthy individuals.								
Course Content	To give an overview of cell, tissue, organ and system physiology.								
Work Placement	no								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)	Prof. Güler ÜNAL								

Prerequisites & Co-requisities	
Prerequisite	EBL109

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	50
Attending Lectures	1	20

Recommended or Required Reading	
1	Guyton A.C. & Hall, Textbook of Medical Physiology
2	Günal Y. (2021) Basic Physiology for Health Sciences. Istanbul Medical Bookstores

Week	Weekly Detailed Course Contents	
1	Theoretical	Cell Physiology
2	Theoretical	Muscle Physiology
3	Theoretical	Nerve Physiology
4	Theoretical	Blood Physiology
5	Theoretical	Circulatory Physiology
6	Theoretical	Respiratory Physiology
7	Intermediate Exam	Midterm
8	Theoretical	Digestive Physiology
9	Theoretical	Urinary Physiology
10	Theoretical	Endocrine Physiology
11	Theoretical	Growth and development
12	Theoretical	Sense Physiology
13	Theoretical	Central Nervous System Physiology
14	Theoretical	Central Nervous System Physiology
15	Theoretical	General Evaluation

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Midterm Examination	1	5	1	6

Final Examination	1	15	1	16
			Total Workload (Hours)	106
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Explains the functions of all cells, tissues, organs and systems in the body in healthy individuals (for the maintenance of survival).
2	Define the physical and chemical factors that provide development from the beginning of life.
3	Explains the mechanisms of all cells, tissues, organs and systems in the body.
4	Explains the communication and interaction between parts of the organism (cell-tissue-organ-system).
5	Explain the relationship between organism and environment as a whole
6	Have knowledge about the pathologies that may be seen in the functional disorders of the cells, tissues, organs and systems in the body.

Programme Outcomes *(Child Development)*	
1	Comparatively evaluate and interpret the reliability and validity of the knowledge he / she has by using the basic and updated theoretical and practical educational and training tools and resources in the field of child development.
2	In line with the theoretical and practical knowledge he has acquired in the field of child development, he has the skills to evaluate children who show typical and atypical development with different methods and tools, develop support programs, provide family counseling and inform the society.
3	Uses his/her knowledge about self-care, physical-motor, cognitive-language, social-emotional development of 0-18 year old children for the developmental and educational diagnosis of children, in the units related to his/her profession for the benefit of children, families and society.
4	Analyzes the problems of their children and their families in terms of health, development, education and social service in the country and produces appropriate solutions and original ideas by using evidence-based knowledge on these problems.
5	Using the basic knowledge in the field of child development, he produces individual and group studies
6	He plans and implements research, professional projects and activities for the social environment in which it lives with the awareness of social responsibility, and monitors and evaluates the process.
7	Acts in accordance with the ethics of science, observes the psychological state of the children and their families in experimental researches on children.
8	Behaves in accordance with laws, regulations and legislation and respectful of democracy, human rights, social, scientific and professional ethical values, presenting an example for the society with his/her attitude, behavior and appearance.
9	Has adequate awareness about quality management and processes, individual and environmental protection and occupational safety issues including infants, children and families, participates and behaves accordingly in these processes.
10	He can integrate her professional knowledge with knowledge from different disciplines, he takes responsibility in multidisciplinary, interdisciplinary and transdisciplinary studies by participating in teamwork and fulfills his duties effectively.
11	Developing the habit of keeping research and learning awareness and knowledge up-to-date throughout life, he knows all the concepts related to development and education for children and young people aged 0-18 and follows the studies on this subject with a critical approach.
12	Using information and communication technologies together with the computer software required by the field.
13	To follow the changes and developments in the field using at least one foreign language.

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

	L1	L2	L3	L4	L5	L6
P1	4	5	5	5	5	5
P3	4	4	4	4	4	4
P4	3	3	3	3	3	3
P6	4	4	4	4	4	4
P7	3	3	3	3	3	3
P8	3	3	3	3	3	3
P9	3	3	3	3	3	3
P10	4	4	4	4	4	4
P11	4	4	4	4	4	4