

School of Pharmacy / School of Pharmacy (English)

2024 - 2025 Academic Year

PHYSIOLOGY

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
PHYSIOLOGY	PHA2113081	Fall Semester	4+0	4	6
Prerequisites Courses	ANATOMİ				
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Mehmet OZANSOY				
Name of Lecturer(s)	Assist.Prof. Mehmet OZANSOY				
Assistant(s)					
Aim	To understand the structure and functioning of different systems in body.To understand integrated aspect of functioning of all the systems in totality in body.				
Course Content	This course contains; Introduction to Physiology: The Cell and General Physiology,Nerve and Muscle,Blood Physiology,Autonomic Nervous System,Cardiovascular System Physiology I,Cardiovascular System Physiology II,Midterm,Respiratory Physiology ,Endocrine Physiology,Physiology of Reproduction,Body Fluids and Renal Physiology,Neurophysiology I,Neurophysiology II,Final.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Teaching Methods					
Assessment Methods					
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction to Physiology: The Cell and General Physiology	1			
2	Nerve and Muscle	2			
3	Blood Physiology	3			
4	Autonomic Nervous System	4, 5			
5	Cardiovascular System Physiology I	6			
6	Cardiovascular System Physiology II	6			
7	Midterm	1, 2, 3, 4, 5, 6			
8	Respiratory Physiology	7			
9	Endocrine Physiology	8			
10	Physiology of Reproduction	9			
11	Body Fluids and Renal Physiology	10			
12	Neurophysiology I	11			
13	Neurophysiology II	11			
14	Final	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
1- Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapters 1, 3, and 4.
2-Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapters 6 and 9.
3-Guyton and Hall, Textbook of Medical Physiology; 14th Edition; Chapter 33, 34, 36 and 37
4-Guyton and Hall, Textbook of Medical Physiology; 14th Edition; Chapter 61.
5-Vander's Human Physiology, 15th Edition; Chapter 6
6- Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapter 12.
7- Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapter 13.
8-Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapter 11.
9-Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapter 17.
10- Vander's Human Physiology, THE MECHANISMS OF BODY FUNCTION 15th Edition; Chapter 14.
11- Vander's Human Physiology, 15th Edition; Chapters 6, 7 and 10.