

Vocational School / Physiotherapy

2024 - 2025 Academic Year

CLINICAL SCIENCES

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
CLINICAL SCIENCES	FZT1126080	Fall Semester	2+0	2	2
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Merve MANGA				
Name of Lecturer(s)	Assist.Prof. Sümeyye TUNÇ				
Assistant(s)					
Aim	This course introduces students to physiotherapy, overview and general musculoskeletal system to provide students with knowledge and skills about the general characteristics of the disease.				
Course Content	This course contains; Introduction to Clinical Sciences, Internal System Diseases, Biochemical Diagnostic Methods, Microbiological Diagnostic Methods, Radiological Diagnostic Methods, Dermatological Diseases, Cardiovascular System Diseases, Respiratory System Diseases, Obstetrics and Gynecological Diseases, Eye Diseases, Ear-nose-throat Diseases, Orthopedic Diseases, Rheumatic Diseases, Neurological Diseases.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Be able to explain general clinical sciences			9	A	
Ability to defines internal system diseases			16, 9	A	
Ability to summarizes biochemical diagnostic methods			16, 9	A	
Ability to describes microbiological diagnostic methods			16, 9	A	
Ability to lists radiological diagnostic methods			16, 9	A	
Ability to discuss different systemic diseases			16, 9	A	
Ability to example dermatological diagnosis methods			10, 9	A	
Ability to discuss cardiovascular-respiratory system diseases			10, 16, 9	A	
Ability to defines diseases of women-birth			16, 9	A	
Ability to explains diagnostic methods applied in eye diseases			16, 9	A	
Ability to defines ear-nose-throat diseases			16, 9	A	
Be able to distinguish diagnostic methods in orthopedic, neurological and rheumatic diseases			16, 9	A	
Ability to define orthopedic diseases			10, 16, 9	A	
Ability to explain rheumatic diseases			16, 9	A	
Ability to interpretation of neurological diseases			10, 16, 9		
Teaching Methods	10: Discussion Method, 16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Introduction to Clinical Sciences	Mebis notes			
2	Internal System Diseases	Mebis notes			
3	Biochemical Diagnostic Methods	Mebis notes			
4	Microbiological Diagnostic Methods	Mebis notes			
5	Radiological Diagnostic Methods	Mebis notes			
6	Dermatological Diseases	Mebis notes			
7	Cardiovascular System Diseases.	Mebis notes			
8	Respiratory System Diseases	Mebis notes			
9	Obstetrics and Gynecological Diseases	Mebis notes			
10	Eye Diseases	Mebis notes			
11	Ear-nose-throat Diseases	Mebis notes			
12	Orthopedic Diseases	Mebis notes			
13	Rheumatic Diseases	Mebis notes			
14	Neurological Diseases	Mebis notes			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Physical Medicine and Rehabilitation, Volume 1-2 Mehmet Beyazova, Yeşim Gökçe Çözüm.