

Vocational School / Physiotherapy
2023 - 2024 Academic Year
ASSISTIVE DEVICES in PHYSIOTHERAPY
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
ASSISTIVE DEVICES in PHYSIOTHERAPY	FZT1263210	Spring Semester	2+2	3	3
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Mehmet Salih TAN				
Name of Lecturer(s)	Lect. Fatma ÖZTÜRK				
Assistant(s)					
Aim	In this course, it is aimed to determine and describe the auxiliary equipment used in physiotherapy and to choose the appropriate device for the purpose.				
Course Content	This course contains; Identification of physiotherapy assistive devices,Auxiliary equipment need and choice,Physiotherapy armchair and walking stick applications,Parallel bar training,Wheelchair and varieties,Wheelchair training,Application techniques,Environmental and architectural arrangements,Use of technology in physiotherapy and rehabilitation,Robotic physiotherapy applications,Virtual reality,Orthotics and prosthesis general approaches,Application techniques,General review and current literature.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1. Summarizes the recent researches in the field of physiotherapy assistive devices.			16, 9	A	
2. Robotic physiotherapy and virtual reality will be discussed.			16, 9	A	
3. They open up a variety of wheelchairs.			16, 9	A	
4. He will be able to discuss wheelchairs and types.			16, 9	A	
5. Summarizes wheelchair transfer methods.			16, 9	A	
6. Sets the wheelchair dimensions.			16, 9	A	
7. The patient will be able to discuss the need for a wheelchair according to the need.			16, 9	A	
8. Defines appropriate environmental conditions.			16, 9	A	
9. Carries out training on usage of assistive devices.			16, 9	A	
10. Summarizes walking aids.			16, 9	A	
11. Will be able to distinguish between assistive devices and environmental regulation used in physiotherapy and rehabilitation.			16, 9	A	
12. Know auxiliary item selection criteria.			16, 9	A	
13. Defines assistive devices.			16, 9	A	
14. He has knowledge about current literature.			16, 9	A	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Identification of physiotherapy assistive devices	Mebis notes			
2	Auxiliary equipment need and choice	Mebis notes			
3	Physiotherapy armchair and walking stick applications	Mebis notes			
4	Parallel bar training	Mebis notes			
5	Wheelchair and varieties	Mebis notes			
6	Wheelchair training	Mebis notes			
7	Application techniques	Mebis notes			
8	Environmental and architectural arrangements	Mebis notes			
9	Use of technology in physiotherapy and rehabilitation	Mebis notes			
10	Robotic physiotherapy applications	Mebis notes			
11	Virtual reality	Mebis notes			
12	Orthotics and prosthesis general approaches	Mebis notes			
13	Application techniques	Mebis notes			
14	General review and current literature	Mebis notes			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources

Z. Candan Algun (Türeyen) Applied Physical Therapy and Rehabilitation, DEU publications, 1998
Porter SB. Tidy's Physiotherapy, 2008, translation, Pelikan Kitapevi.