PEDIATRICS REHABILITATION

Course Name	**Code**	**Term**	**Theory (hours/week)**	**Application (hours/week)**	**Laboratory (hours/week)**		**ECTS**
Pediatrics Rehabilitation	**FTR 305**	**3.year/ 1.term Fall**	**2**	**3**	**-**		**4**
Prequisites							
Course language	Turkish						
Course type	Compulsory						
Learning and teaching strategies	Theory,Application						
Instructor (s)							
Course objective(Aim of course)	Teaching goals, objectives, assessment and evaluation methods of rehabilitation in the pediatric group, planning and implementation of rehabilitation programs for patients are aimed.						
Learning outcomes	1. I. Defines the concept and scope of pediatric rehabilitation 2. II. Knows the conditions that cause functional disability, handicap and obstacles in the pediatric population 3. III. Uses assessment of physiotherapy in children with lower motor neuron lesion 4. IV. Practices physiotherapy program in children with lower motor neuron lesion 5. V. Uses assessment of physiotherapy in children with Cerebral Palsy 6. VI. Practices physiotherapy program in children with Cerebral Palsy 7. VII. Uses appropriate assessment methods and practices physiotherapy and rehabilitation programme in torticollis, obstetrical brachial plexus paralysis, high risk infants and mental motor retardation conditions which are commonly seen in childhood 8. VIII. Solves clinical problem of children with lower and upper motor neuron lesion						
References	1.Livanelioğlu A, Günel MK, Serebral Palsi'de Fizyoterapi, 19-60, 2009 Ankara, Yeni Özbek Matbaası 2.Lennon S. The Bobath Concept: a critical review of the theoretical assumptions that guide physiotherapy practice in stroke rehabilitation. Phys Ther Rev. 1996;1:35- 45.						

Course outline weekly:

Weeks	Topics
1. Week	Introduction to pediatric rehabilitation
2. Week	Neuromuscular diseases, genetics, classification
3. Week	Clinical characteristics of the muscular dystrophy
4. Week	Evaluation in muscular dystropy
5. Week	Treatment in muscular dystropy
6. Week	Treatment in muscular dystropy
7. Week	Spinal Muscular Atrophy and rehabilitation
8. Week	Hereditary motor sensory neuropathies and rehabilitation
9. Week	Introduction to cerebral palsy (CP), causes and types of CP
10. Week	Evaluation methods in CP, GMFM, GMFCS, spasticity assessment
11. Week	Physiotherapy approaches to cerebral palsied children
12. Week	Bobath Neurodevelopmental treatment approach
13. Week	Early rehabilitation, special handling positions and positioning in Bobath
14. Week	Practical applications and environmental regulations based on the principles of facilitation, stimulation and communication Bobath approach
15. Week	FINAL EXAM

ECTS (Student Work Load Table)

Activities	**Number**	**Duration**	**Total Work Load**
Course Duration (X14)	14	2	28
Laboratory			
Practice	14	3	42
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)			
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	10	10
Final Exam Preparation Time	1	20	20
Total Work Load (hour) / 25(s)	100 / 25		
ECTS	4		

Evaluation System

Mid-Term Studies	**Number**	**Contribution**
Midterm exams	1	%50
Quiz		
Laboratory		
Practice	1	%50
Field Study		
Course Internship (If There Is)		
Homework’s		
Presentation and Seminar		
Project		
Other evaluation methods		
Total Time To Activities For Midterm		100
Final works		
Final	1	%50
Homework		
Practice	1	%50
Laboratory		
Total Time To Activities For Midterm		100
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
Total		100

The relationship between learning outcomes and the program qualifications of the courses

Program Qualifications		Learning outcomes				
	L.O.1	L.O. 2	L.O.3	L.O.4	L.O.5	L.O.6
1. Sufficient background in basic- clinical medical sciences and physical therapy and rehabilitation discipline; ability to use theoretical and practical skills and knowledge in these fields with analytical thinking	5	5				
2. Ability to determine, define, formulate and solve the factors that affect health; ability to choose and apply evidence based techniques and new methods for this aim.			5	5	5	5
3. Ability to choose and use modern equipments, techniques and modalities for physiotherapy and rehabilitation practices; effectively use the informatique technologies.				5	5	
4. Ability to design multidisciplinary research, keep records, collect appropriate data, analysis and interpret results.						
5. Ability to attain new knowledge, make literature reviews, use medical databases and sources of information devoted to medical- health sciences						
6. To work autonomously and effectively in health team and self confidence to take responsibility						
7. To internalize characteristically development, literate and lifelong learning; quality development,to contribute education and promotion programs in field,to internationalize their professional behavior.						

8. To have professional deontology and ethical awareness						

Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent