Course Name	Code	Semester	Theory (Hours/week)	Practical (Hours/week)	Laboratory (Hours/week)	ECTS
Evidence-Based Practices in Pediatric Rehabilitation	**FTR 615**		**3**	**0**	**0**	**10**
Prerequisites	-					
Course Language	Turkish					
Course Type	Compulsory					
Teaching Methods	Lecture, Presentation, Discussion, Team/Group Work, Report Preparation and/or Presentation, Application-Exercise, Case Study, Problem Solving					
Instructor(s)						
Course Objective	To teach evidence-based practice principles in pediatric rehabilitation; to enable students to comprehensively assess neurological, orthopedic, and developmental disorders in children, plan interventions based on current scientific literature, and develop individualized rehabilitation strategies.					
Course Learning Outcomes	1. Explains evidence-based practice principles in pediatric rehabilitation and critically evaluates the literature. 2. Comprehensively assesses neurological and orthopedic disorders in children and interprets clinical findings. 3. Designs and implements individualized pediatric rehabilitation programs in accordance with evidence-based guidelines.					
References	1. Novak, I., McIntyre, S., Morgan, C., Campbell, L., Dark, L., Morton, N., Stumbles, E., Wilson, S.-A., & Goldsmith, S. (2013). A systematic review of interventions for children with cerebral palsy: state of the evidence. Developmental Medicine & Child Neurology, 55(10), 885–910. 2. Palisano, R., Rosenbaum, P., Bartlett, D., & Livingston, M. (2008). Gross Motor Function Classification System (GMFCS) Manual. Mac Keith Press. 3. Case-Smith, J., & O'Brien, J. C. (2014). Occupational Therapy for Children and Adolescents (7th ed.). Elsevier. 4. Darrah, J., & Law, M. (2011). Context therapy: a new intervention approach for children with cerebral palsy. Developmental Medicine & Child Neurology, 53(7), 615–620. 5. Novak, I., et al. (2019). Effectiveness of pediatric occupational therapy for children with disabilities: a systematic review. Australian Occupational Therapy Journal, 66(4), 258–273. 6. SANKO University, e-resources (PubMed, Springer, etc.)					

WEEKLY COURSE TOPICS

WEEKS	DISCUSSION TOPICS TO BE PROCESSED
1.	Introduction to pediatric rehabilitation and evidence-based practice principles
2.	Types of research, levels of evidence, and their importance in practice
3.	Neurological pediatric disorders: assessment and evidence-based approaches
4.	Orthopedic pediatric disorders: assessment and intervention strategies
5.	Developmental delays and multidisciplinary approaches
6.	Principles of motor control and motor learning in pediatric applications
7.	Early intervention programs and evidence-based activities
8.	**Mid-Term Examination**
9.	Functional assessment tools and standardization
10.	Family-centered rehabilitation and evidence-based strategies
11.	Rehabilitation technologies and their use in pediatric applications
12.	Case discussions: interpretation of clinical findings and intervention plan
13.	Integration of systematic reviews and meta-analyses into clinical practice
14.	Student presentations: evidence-based pediatric rehabilitation plans and general evaluation, discussion, and future research directions
15.	**Final Exam**

ECTS / WORK LOAD TABLE

Activities	**Number**	**Duration**	**Total Workload**
Course	14	3	42
Laboratory	0	0	0
Practice	0	0	0
Field Study	0	0	0
Outclass course work hours (Self working / Teamwork / Preliminary work)	14	5	70
Presentation (Video recording/Poster preparation/Oral presentation/Focus group discussion/Survey	14	3	42

application/Observation and report writing)			
Seminars			
Project	2	48	96
Case Study			
Role playing, dramatization			
Preparing and criticizing article			
Semester midterm exams			
Semester final exams			
Total Workload **ECTS**	**250/25** **10**		

EVALUATION SYSTEM

Midterm Studies	**Number**	**Contribution**
Midterm Exam		
Quiz		
Laboratory		
Practice		
Field Study		
Specific practical training (If exists)		
Homework assignment		
Presentation and seminar	1	%25
Projects	1	%25
Other evaluation methods		
Total of Midterm Studies		%50
Final Studies		
Final		
Homework assignment	1	%50
Practice		
Laboratory		
Total of Final Studies		%50
Contribution of midterm studies to course grade		%50
Contribution of final studies to course grade		%50
Total Grade		100

RELATIONSHIPS BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS

Program Qualifications		Learning Outcomes		
		LO1	**LO2**	**LO3**
1.	Acquires, interprets, and applies advanced and original knowledge in the field of physical therapy and rehabilitation,	**4**	**4**	**4**
2.	Plans and conducts original research that contributes to the field using scientific methods.	**4**	**4**	**4**
3.	With a lifelong learning mindset, keeps abreast of current developments and technologies in the field, improves existing methods and techniques, and designs and implements new applications.		**4**	**4**
4.	Adopts and applies an evidence-based approach in clinical decision-making processes. Acts in accordance with ethical principles in research and practice.		**4**	**4**
5.	Establishes effective collaboration in interdisciplinary projects, plans, manages, and executes scientific projects.		**4**	**4**
	Effectively shares scientific knowledge on national and international platforms.			
6.	Performs advanced clinical and laboratory practices in different areas of expertise. Contributes to undergraduate and graduate education activities and mentors students.		**4**	**4**
7.	Contributes to the development of rehabilitation services and health policies that promote public health.	**3**	**4**	**4**
8.	Has knowledge of statistical methods that are constantly used in health-related studies. Selects, applies, and interprets the correct statistical methods.			
9.	Contributes to expanding the boundaries of knowledge in their field by publishing at least one scientific article in national and/or international peer-reviewed journals.		**4**	**4**

Contribution to the level of proficiency: 1: Low **2:** Low/Moderate **3:** Moderate **4:** High **5:** Excellent