Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
Hand Rehabilitation	FTR607		3	0	0	10
Prerequisites						
Course Language	Turkish					
Course Type	Compulsory					
Teaching Methods	Lecture, Presentation, Discussion, Research, Project preparation					
Instructor(s)						
Course Objective	To explain different hand and upper extremity problems, assessment methods, and rehabilitation approaches					
Course Learning Outcomes	1. Knows the structure of the hand, learns and performs sensory, physical and functional assessments. 2. Learns about different hand problems and evidence-based rehabilitation approaches, discusses multidisciplinary and current approaches. 3. Is familiar with current literature on the hand and rehabilitation, learns research and publication processes, and discusses its contribution to public health.					
References	1- Green DP. Operative Hand Surgery. 3rd ed. Churchill Livingstone Inc, Edinburgh; 1993. 2- Mackin EJ, Callahan AD, Skirven TM et al. Rehabilitation of the Hand and Upper Extremity. 5th ed. Mosby Inc, St. Louis Missouri; 2002. 3- Doyle JR, Botte MJ. Surgical Anatomy of the Hand and Upper Extremity. Lippincott Williams & Wilkins, Philadelphia; 2003. 4- Einhorn TA, O'Keefe RJ, Buckwalter JA. Orthopaedic Basic Science. 3rd Edition. AAOS, Rosemont; 2007. Trumple TE, Rayan GM, Budoff JE, Baratz ME. Principles of Hand Surgery and Therapy. 2nd ed. Saunders Elsevier, Philadelphia; 2010.					

WEEKLY COURSE TOPICS

Weeks	DISCUSSION TOPICS TO BE PROCESSED
1.	Functional anatomy of the hand
2.	Hand biomechanics
3.	Hand examination
4.	Hand assessments (motor)
5.	Hand assessments (sensory)
6.	Hand/wrist fracture and rehabilitation
7.	**Mid-Term Examination**
8.	Peripheral nerve compression and nerve injury rehabilitation
9.	Soft tissue injuries and rehabilitation
10.	Carpal instabilities and rehabilitation
11.	Rehabilitation for rheumatic hand problems
12.	Tendon injuries and rehabilitation
13.	Upper extremity rehabilitation in neurological disorders
14.	Discussion of current literature and research planning
15.	**Final Exam**

ECTS / WORK LOAD TABLE

Activities	**Number**	**Duration**	**Total Work Load**
Course	14	3	42
Laboratory			
Practice			
Field Study			
Outclass course work hours (Self working / Teamwork / Preliminary work)	14	5	70
Presentations (Video preparation / Poster preparation / Oral presentation / Focus group discussion / Applying questionnaire/ Observation and report writing)	14	3	42
Seminars			
Project	2	48	96
Case study			
Role playing, dramatization			
Preparing and criticizing article			
Semester midterm exams			
Semester final exams			
Total Work Load (hour) / 25(s)	**250/25**		
ECTS	**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 physiotherapy and rehabilitation.	**5**	**5**	**3**
2.	Plans and conducts original research that contributes to the field using scientific methods.	**2**	**3**	**5**
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.	**3**	**4**	**5**
4.	Adopts and applies an evidence-based approach in clinical decision-making processes. Acts in accordance with ethical principles in research and practice.	**2**	**5**	
5.	Establishes effective collaboration in interdisciplinary projects, plans, manages, and executes scientific projects. Effectively shares scientific knowledge on national and international platforms.	**5**		**5**
6.	Performs advanced clinical and laboratory applications in different fields of expertise. Contributes to undergraduate and postgraduate education activities and mentors students.		**3**	
7.	Contributes to the development of rehabilitation services and health policies that promote public health.	**2**	**2**	**5**
8.	Has knowledge of statistical methods commonly used in health-related studies. Selects, applies, and interprets appropriate statistical methods			**5**
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.	**1**	**1**	**5**

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