Course Title	Code	Semester	Theoretical (hour/week)	Practice (hours/week)	Laboratory (hour/week)	ECTS
Noromuskuloskeletal Examination and Evaluation	**FTR 610**		**3**	**0**	**0**	**10**
Prerequisites	-					
Course Language	Turkish					
Course Type	Compulsory					
Teaching Methods	lecture, presentation, discussion, team/group work, report preparation and/or presentation, drill-practise, case study, Problem solving					
Instructor(s)						
Course Objective	Noromuskuloskeletal the structural and functional properties of the system in depth by examining different neurological and Nov-disorders of the skeletal system to be able to make comprehensive evaluation of clinical reasoning skills development and to gain competence in being able to plan physiotherapy approaches in line with the findings is appropriate.					
Course Learning Outcomes	1.Noromuskuloskeletal system anatomical, biomechanical and neurophysiological underpinnings explains. 2. neurological and Nov-assessment in disorders of the skeletal system and apply the methods to analyze the results. 3. clinical data in accordance with appropriate physiotherapy intervention plans making a differential diagnosis develops.					
References	1. Magee, D. J., & To Manske, R. C. (2020). Orthopedic Physical Assessment (7th ed.). Elsevier.ISBN-13: 978-0323522991 2. Kendall, F. P., McCreary, E. K., Provance, P. G., Rodgers, M. M., & Romani, W. A. (2005). Muscles: Testing and Function with Posture and Pain (5th ed.). Lippincott Williams & Wilkins. ISBN-13: 978-0781747806 3. Shacklock, M. (2005). Clinical Neurodynamics: a new System of Musculoskeletal Treatment. Elsevier Butterworth-Heinemann. ISBN-13: 978-0750654562 4. Butler, D. S. (2000). The Sensitive Nervous System. Noigroup Publications. ISBN-13: 978-0975091029 5. Brukner, P. & Khan, K. (2019). Brukner & Khan's Clinical Sports Medicine (5th ed.). McGraw-Hill Education. ISBN-13: 978-176042459 6. SANKO University, e-resources (Pubmed, Springer , etc)					

WEEKLY COURSE TOPICS

Weeks	DISCUSSION TOPICS TO BE PROCESSED
1.	Noromuskuloskeletal the overall structure of the system and evaluation of the principles of
2.	clinical reasoning and decision-making models in the evaluation process of the patient
3.	Nov-examination history taking and observation of the skeletal system
4.	with the analysis of posture and alignment, range of motion, strength and functional tests Nov implementation of the
5.	Senses, evaluation of coordination, reflex and
6.	peripheral nervous system and neurological examination of the principles of
7.	clinical evaluation and correlation of pain
8.	**Mid-Term Examination**
9.	noromuskuloskeletal the region of the upper and lower extremity evaluation for
10.	clinical examination of the spine and pelvis
11.	Complex clinical cases, holistic evaluation approaches
12.	literature discussion: the current validity and reliability of assessment tools
13.	and case presentations: creating a plan of rehabilitation and Clinical interpretation of the findings
14.	and future research directions overall assessment
15.	**Final Exam**

ECTS / WORK LOAD TABLE

Activities	**Number**	**Duration**	**Total Work Load**
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 capture/preparation poster/Oral presentation/interview focus group questionnaire/application/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 workload **ECTS course**	**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		
		LO3	**LO2**	**LO3**
1.	Accesses, interprets, and applies advanced and original knowledge in the field of physiotherapy and rehabilitation.	**4**	**4**	**4**
2.	Conducts original research plans that contribute to the field using scientific methods.	**4**	**4**	**4**
3.	With a commitment to lifelong learning, follows current developments and technologies in the field, develops existing methods and techniques, and designs and implements new applications.	**3**	**4**	**3**
4.	Adopts and implements 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. Effectively shares scientific knowledge on national and international platforms.		**4**	**4**
6.	Performs advanced clinical and laboratory practices in various specialties. Contributes to undergraduate and graduate educational activities and mentors students.		**4**	**4**
7.	Contributes to the development of health policies that improve rehabilitation services and public health.	**3**	**4**	**4**
8.	Is knowledgeable about statistical methods frequently used in health studies. Selects, applies, and interprets appropriate statistical methods.			
9.	Contributes to expanding the boundaries of knowledge in the field by publishing at least one scientific article in national and/or international peer-reviewed journals.		**3**	**4**

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