

Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
<b>Basic Assessment and Evaluation in Physiotherapy and Rehabilitation</b>	<b>FTR501</b>	<b>1. Semester</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>10</b>
<b>Prerequisites</b>	-					
<b>Course Language</b>	Turkish					
<b>Course Type</b>	Compulsory					
<b>Teaching Methods</b>	Expression, Report Preparation and / or Presentation, Project Design / Management					
<b>Instructor(s)</b>						
<b>Course Objective</b>	The aim of this course is; to understand the importance of evaluation in different areas of physiotherapy and rehabilitation, to identify the problems that lead to restriction in quality of life and functional mobility, to select appropriate physiotherapy assessments and to develop conceptual and clinical knowledge and skills related to analyzing and interpreting the results of evaluation.					
<b>Course Learning Outcomes</b>	<ol style="list-style-type: none"> <li>Understand the importance of evaluation and clinical decision making in different areas of physiotherapy and rehabilitation, learn the basic principles of evidence-based assessment. Review and synthesize specific evaluations, general principles and assessment methods related to physiotherapy and rehabilitation in accordance with conceptual and clinical scientific developments.</li> <li>Gains the ability to determine the general problems in different age groups, healthy and sick people, analyze the factors that affect the evaluation such as cultural components. It synthesizes the evaluation principles in different age and disease groups and creates special evaluations.</li> <li>Improves the level of knowledge about analyzing the results of evaluation and determining the necessary physiotherapy approaches. Increase the skills to support problem solving and clinical decision making.</li> </ol>					
<b>References</b>	<ol style="list-style-type: none"> <li>Kendall FP, McCreary EK, Provance PG, Rodgers MM and Romani WA. Muscles, Testing and Function with Posture and Pain. 5 th ed. Lippincott Williams &amp; Wilkins, Baltimore, 2005.</li> <li>Kendall FP, McCreary EK, Provance PG. Muscles Testing &amp; Function. 5th ed. Williams &amp; Wilkins, Baltimore, 2005.</li> <li>Norkin CC, White DJ. Measurement of Joint Motion. 3 th ed. FA Davis Company, Philadelphia, 2003.</li> <li>Otman AS, Köse N. Tedavi Hareketlerinde Temel Değerlendirme Prensipleri. 4. baskı Yücel Ofset Matbaacılık. Ankara, 2008.</li> <li>Q?Sullivan SB, Schmitz TJ. Physical Rehabilitation ?Assessment and Treatment. 3th ed. FA Davis Company, Philadelphia, 1994.</li> </ol>					

## WEEKLY COURSE TOPICS

Weeks	DISCUSSION TOPICS TO BE PROCESSED
<b>1.</b>	The importance of evaluation and evaluation principles in physiotherapy and rehabilitation, evidence based evaluations
<b>2.</b>	Interview with the patient: The science behind art
<b>3.</b>	Vital findings and mental status assessment
<b>4.</b>	Musculoskeletal system evaluation
<b>5.</b>	Musculoskeletal system evaluation
<b>6.</b>	Functional tests for performance
<b>7.</b>	Motor control evaluation
<b>8.</b>	<b>Midterm exam</b>
<b>9.</b>	Sensory evaluation
<b>10.</b>	Balance and coordination assessment
<b>11.</b>	Pain assessment
<b>12.</b>	Functional evaluation approaches and evaluation of quality of life
<b>13.</b>	Specific evaluations for different clinical situations, evaluation-oriented clinical decision-making process
<b>14.</b>	Specific evaluations for different clinical situations, evaluation-oriented clinical decision-making process
<b>15.</b>	<b>Final Exam</b>

**ECTS / WORK LOAD TABLE**

<b>Activities</b>	<b>Number</b>	<b>Duration</b>	<b>Total Work Load</b>
Course	14	4	56
Laboratory			
Practice	14	4	56
Field Study			
Outclass course work hours ( Self working / Teamwork / Preliminary work)	14	4	56
Presentations (Video preparation / Poster preparation / Oral presentation / Focus group discussion / Applying questionnaire/ Observation and report writing)			
Seminars	14	3	42
Project			
Case study			
Role playing, dramatization			
Preparing and criticizing article			
Semester midterm exams	1	20	20
Semester final exams	1	22	22
<b>Total Work Load ( hour) / 25(s)</b>		250/25	
<b>ECTS</b>			10

**EVALUATION SYSTEM**

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

## RELATIONSHIPS BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS

	Program Qualifications	Learning Outcomes		
		LO1	LO2	LO3
1.	Follow the conceptual and clinical scientific developments related to basic measurement, evaluation and treatment techniques specific to physiotherapy and rehabilitation science. Uses adequate and systematic knowledge gained in the areas of physiotherapy and rehabilitation as specialists in professional, clinical and academic studies.	5	5	5
2.	In order to gain access to information in the field of physiotherapy and rehabilitation, using literature and data sources. Creates new knowledge in the framework of evidence-based physiotherapy methods, achieves problem solving and clinical decision making skills.	4	4	4
3.	Design multidisciplinary research for quality service and research in health sciences, prepare records, prepare reports, analyze and interpret results. It fulfills all these studies within the framework of ethical and legal responsibilities.			
4.	Research plans, take part in projects, select appropriate statistical methods, interpret the results of his studies, write the report and present it in scientific meetings and contribute to the literature.			
5.	Know life-long learning methods and continue to implement them in accordance with their learning needs and objectives.			
6.	It contributes to public health and health policies, and makes individuals, families and the community aware of new approaches in the field of education, preventive and rehabilitation.			
7.	It has an active role in this field by establishing effective communication with individuals and institutions in professional and academic studies related to the field at national and international level.			

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