

Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECST
<b>Principles of Assessment and Rehabilitation in Respiratory Diseases</b>	<b>FTR 618</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>10</b>
<b>Prerequisites</b>	-					
<b>Course Language</b>	Turkish					
<b>Course Type</b>	Compulsory					
<b>Teaching Methods</b>	Lecture Discussion Team/Group Work Report Preparation and/or Presentation Practice Case Study Problem/Problem Solving					
<b>Instructor(s)</b>						
<b>Course Objective</b>	To comprehensively examine physiotherapy and rehabilitation evaluations and treatment approaches in obstructive and restrictive lung diseases, lung cancer and pulmonary hypertension.					
<b>Course Learning Outcomes</b>	1. Assess the biopsychosocial effects of the disease on patients with respiratory problems in different age groups. 2. Interpret the assessment findings. 3. Identify the problems in pulmonary problems. 4. Determine the severity of the patient's symptoms, physical activity level, and exercise capacity. 5. Determine the pulmonary rehabilitation goals and program for patients with pulmonary problems in different age groups. 6. Evaluate the effectiveness of pulmonary rehabilitation approaches.					
<b>References</b>	1. Anne E. Holland Simone Dal Corso Martijn A. Spruit. Pulmonary Rehabilitation ISBN (print): 978-1-84984-139-9 Published: September 2021 2. Eleanor Main, Linda Denehy. Cardiorespiratory Physiotherapy: Adults and Paediatrics, 5th ed. Elsevier, 2016. 3. Wilkins RL, Stoller JK, Kacmarek RM. Egan's Fundamentals of Respiratory Care. 10th ed. China: Mosby; 2012. 4. SANKO Üniversitesi, e-kaynaklar (Pubmed, Springer vb)					

## WEEKLY COURSE TOPICS

Weeks	DISCUSSION TOPICS TO BE PROCESSED
1.	Course content and description
2.	Pulmonary rehabilitation approaches in obstructive lung diseases
3.	Pulmonary rehabilitation outcome measurements in obstructive lung diseases
4.	Pulmonary rehabilitation approaches in restrictive lung diseases
5.	Pulmonary rehabilitation approaches in restrictive lung diseases
6.	Pulmonary rehabilitation outcome measurements in restrictive lung diseases
7.	<b>Mid-Term Examination</b>
8.	Rehabilitation approaches in pulmonary hypertension
9.	Rehabilitation outcome measurements in pulmonary hypertension
10.	Lung cancer and pulmonary rehabilitation
11.	Lung cancer and pulmonary rehabilitation outcome measurements
12.	Complementary therapies in lung diseases
13.	Clinical decision-making and case studies in pulmonary rehabilitation in obstructive and restrictive lung diseases
14.	Clinical decision-making and case studies in pulmonary rehabilitation in lung cancer and pulmonary hypertension
15.	<b>Final Exam</b>

**ECTS / WORK LOAD TABLE**

<b>Activities</b>	<b>Number</b>	<b>Duration</b>	<b>Total Work Load</b>
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)	3	14	42
Seminars			
Project	1	10	10
Case study	5	10	50
Role playing, dramatization			
Preparing and criticizing article	2	16	32
Semester midterm exams	1	2	2
Semester final exams	1	2	2
<b>Total Work Load ( hour) / 25(s)</b>	<b>250/25</b>		
<b>ECTS</b>	<b>10</b>		

## EVALUATION SYSTEM

<b>Midterm Studies</b>	<b>Number</b>	<b>Contribution</b>
Midterm exam	1	%25
Quiz		
Laboratory		
Practice		
Field Study		
Specific practical training (If exists)		
Homework assignment		
Presentation and seminar	14	%25
Projects		
Other evaluation methods		
<b>Total of Midterm Studies</b>		<b>%50</b>
<b>Final Studies</b>		
Final	1	%50
Homework assignment		
Practice		
Laboratory		
<b>Total of Final Studies</b>		<b>%50</b>
Contribution of midterm studies to course grade		%50
Contribution of final studies to course grade		%50
<b>Total Grade</b>		<b>100</b>

**RELATIONSHIPS BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS**

	Program Qualifications	Learning Outcomes					
		LO1	LO2	LO3	LO4	LO5	LO6
1.	Accesses, interprets and applies advanced and original information in the field of physiotherapy and rehabilitation,	4	4	4	4	4	4
2.	Plans and conducts original research that will contribute to the field using scientific methods.	2	3		4		
3.	With the awareness of lifelong learning, she follows current developments and technologies in her/his field, develops existing methods and techniques, designs and implements new applications.						
4.	Adopts and applies an evidence-based approach in clinical decision-making processes. Acts in accordance with ethical principles in research and practice.	3	3	3	3	3	3
5.	Establishes effective collaboration in interdisciplinary projects, plans, manages and executes scientific projects. Effectively shares scientific knowledge on national and international platforms.						
6.	Performs advanced clinical and laboratory practices in various areas of expertise. Contributes to undergraduate and graduate educational activities and mentors students.	3	3	3	3	3	3
7.	Contributes to the creation of health policies that improve rehabilitation services and community health..	2	3		3		
8.	Knowledge of statistical methods commonly 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 refereed journals.						

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