FTR307 - Pulmonary Rehabilitation

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)		ECTS
Pulmonary Rehabilitation	FTR 307	3.year/1.term Fall	2	2	-		4

Prequisites	
Course language	Turkish
Course type	Compulsory
Learning and teaching strategies	Lecture, Application, case study, Demonstration
Instructor (s)	
Course objective(Aim of course)	Recognition of pulmonary problem in patients with respiratory disease, evaluation of patients with proper assessment methods, planning and application of appropriate treatment protocols selection of techniques.
Learning outcomes	1. Explains basic concepts of pulmonary Rehabilitation, Defines clinical features of respiratory diseases 2. Assesses the respiratory problems in physical, physiologic, and functional respects comprehensively, Assesses quality of life and psychosocial status of respiratory problems. 3. Applies physiotherapy and rehabilitation interventions on respiratory problems and Uses accessory devices of physiotherapy and rehabilitation treatment in patients with respiratory problems
References	Mehmet Uzun. Kardiyak ve pulmoner rehabilitasyon. İstanbul : İstanbul Tıp Kitabevi, 2014 Nilgün Gürses, Çiğdem Biber. KOAH'ta pulmoner rehabilitasyon. İstanbul : TÜSAD, 2012 Ayşe Karaduman, Öznur Tunca Yılmaz. Fizyoterapi ve rehabilitasyon : nörolojik rehabilitasyon kardiyopulmoner rahabilitasyon 3. Ankara : Pelikan Yayıncılık, 2016

Course outline weekly:

Weeks	Topics
1. Week	Introduction and history of pulmonary rehabilitation
2. Week	Pulmonary anatomy and physiology
3. Week	Assessment methods in pulmonar Rehabilitation theorical
4. Week	Assessment methods in pulmonar Rehabilitation practical
5. Week	Obstructive pulmonary diseases
6. Week	Obstructive pulmonary diseases
7. Week	Restrictive lung diseases
8. Week	Midterm exam
9. Week	Pulmonary Rehabilitation methods 1Theorical
10. Week	Pulmonary Rehabilitation methods 1 Practical
11. Week	Pulmonary Rehabilitation methods 1Practical
12. Week	Rehabilitation in pulmonary surgery
13. Week	Pulmoner Physiotherapy and rehabilitation in neonates and pediatric patients
14. Week	An overview
15. Week	An overview

ECTS (Student Work Load Table)

Activities	Number	Duration	Total Work Load
Course Duration (X14)	14	2	28
Laboratory			
Practice	14	2	28
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	1	14
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	10	10
Final Exam Preparation Time	1	20	20
Total Work Load (hour) / 25(s)	100 / 25		
ECTS	4		

Evaluation System

Mid-Term Studies	**Number**	**Contribution**
Midterm exams	1	%100
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
Total Time To Activities For Midterm		100
Final works		
Final	1	%40
Homework		
Practice	1	%60
Laboratory		
Total Time To Activities For Midterm		100
Contribution Of Midterm Studies On Grades		%40
Contribution Of Final Exam On Grades		%60
Total		100

The relationship between learning outcomes and the program qualifications of the courses

Program Qualifications	**Learning outcomes**		
	L.O.1	**L.O. 2**	**L.O.3**
1-Acquire proficient infrastructure related to the field of Physiotherapy and Rehabilitation, gain the ability to use theoretical and practical knowledge and skills in this field.	**5**	**5**	**5**
2-Identify, define the factors affecting health and gain problem-solving skill by using the information they have; plan and implement a treatment and exercise program with appropriate evidence-based methods and new techniques.	**5**	**5**	**5**
3-Gain the ability to use information technologies effectively, as well as the ability to select and use modern tools, techniques and agents necessary for physiotherapy and rehabilitation applications.	**5**	**5**	**5**
4-Design individual and multidisciplinary research, keep records, prepare reports, analyze and interpret results for quality service and research in health sciences.			
5-They conduct a literature search to access the information by using evidence-based databases and information sources.			
6-Gain autonomy in interdisciplinary and individual studies, ability to work effectively and take responsibility and awareness of the universal and social effects of their professional practice.			
7-Adopt life-long learning; contribute to quality improvement, field-related training and introductory programs and exhibit their professional behavior at national and international level.			
8-Have deontological and ethical awareness in professional researches and applications.			

Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent