Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECST
Principles of Evaluation and Rehabilitation in Cardiac Diseases	**FTR 609**		**3**	**0**	**0**	**10**
Prerequisites	-					
Course Language	Turkish					
Course Type	Compulsory					
Teaching Methods	Lecture Discussion Team/Group Work Report Preparation and/or Presentation Practice Case Study Problem/Problem Solving					
Instructor(s)						
Course Objective	Providing comprehensive information about cardiac rehabilitation evaluation and treatment approaches for diseases and syndromes within the scope of cardiac rehabilitation.					
Course Learning Outcomes	1. Evaluates the biopsychosocial effects of the disease on patients with cardiovascular problems in different age groups. 2. Interprets evaluation findings. 3. Identifies problems in cardiac problems 4. Determines the severity of the patient's symptoms, physical activity level, and exercise capacity 5. Determines cardiac rehabilitation goals in patients with cardiovascular problems in different age groups. 6. Evaluates the effectiveness of cardiac rehabilitation approaches and exercise training programs					
References	1. Dr Warrick Bishop. Cardiac Rehabilitation Explained: An in-Depth Guide to Understanding and Navigating Life after Heart Attack, Stenting, or Surgery 2023. ISBN-10 0645268143 2. Josef Niebauer. Cardiac Rehabilitation Manual 978-3-319-47737-4 Published: 20 February 2017 3. Eleanor Main, Linda Denehy. Cardiorespiratory Physiotherapy: Adults and Paediatrics, 5th ed. Elsevier, 2016 4. SANKO Üniversitesi, e-kaynaklar (Pubmed, Springer vb)					

WEEKLY COURSE TOPICS

Weeks	DISCUSSION TOPICS TO BE PROCESSED
1.	Course content and description
2.	Biopsychosocial Effects of Cardiac Diseases
3.	Symptom Assessment in Patients with Cardiac Problems
4.	Determining Risk Factors in Patients with Cardiac Problems
5.	Determining Physical Activity Levels in Patients with Cardiac Problems
6.	Determining Exercise Capacity in Patients with Cardiac Problems
7.	Interpreting Clinical Laboratory Findings in Cardiac Rehabilitation
8.	**Mid-Term Examination**
9.	Electrocardiography
10.	Electrocardiography
11.	Determining Near- and Long-Term Goals in Cardiac Rehabilitation
12.	Monitoring and Patient Safety in Early Cardiac Rehabilitation
13.	Monitoring and Follow-up in Late Cardiac Rehabilitation
14.	Evaluation of the Effectiveness of a Cardiac Rehabilitation Program
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)	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
Total Work Load (hour) / 25(s)	**250/25**		
ECTS	**10**		

EVALUATION SYSTEM

Midterm Studies	**Number**	**Contribution**
Midterm exam	1	%25
Quiz		
Laboratory		
Practice		
Field Study		
Specific practical training (If exists)		
Homework assignment	14	%25
Presentation and seminar	14	%20
Projects		
Other evaluation methods		
Total of Midterm Studies		%50
Final Studies		
Final	1	%50
Homework assignment		
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

EVALUATION SYSTEM

Midterm Studies	**Number**	**Contribution**
Laboratory	0	0
Practice	0	0
Fieldwork	0	0
Course-Specific Internship (If Applicable)	0	0
Assignments	14	5
Presentation/Seminar	14	20
Projects	0	0
Midterm Exam	1	25
Final Exam	1	50
	TOTAL	**100**
Contribution of Mid-Term Studies to Success Grade		%50
Contribution of Final Exam to Success Grade		%50
Total Grade		**100**

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