

ECTS COURSE DESCRIPTION FORM

PART I (Senate Approval)

Offering School	Antalya Bilim University			Offering Department	Physical Therapy and Rehabilitation		
Program(s) Offered to	Physical Therapy and Rehabilitation	<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>				<input type="checkbox"/>	
Course Name	Cardiac Rehabilitation			Course Code	FTR 328		
Level of Course	Undergraduate			Type of Course	Theoric, Pratical		
Language of Instruction	Turkish			ECTS Credits	3		
Hours per Week	Lecture:	2	Practical:	1	Studio:		
	Laboratory:		Recitation:		Other:		
Pre-requisites	None			Co-requisites	None		
Registration Restriction	None			Grading Mode	Letter Grade		
Educational Objective	in patients with cardiovascular problems, it is aimed to identify the problems, evaluate the patients with appropriate evaluation methods, choose cardiac rehabilitation approaches and applications, and plan and implement the appropriate treatment program for the patient.						
Course Description	Historical perspectives in cardiac rehabilitation, coronary artery diseases, myocardial infarction and it's rehabilitation, risk factors and their modification, exercise testing, exercise training for coronary artery disease, diabetes mellitus, heart failure, peripheral arterial disease, obesity and cardiac rehabilitation approaches in these problems, rehabilitation in cardiac surgery.						
Learning Outcomes	LO1	To be able to apply evaluation and treatment concepts related to cardiac rehabilitation					
	LO2	To be able to customize cardiac rehabilitation approaches according to patient and disease.					
	LO3	Ability to plan and implement a personalized cardiac rehabilitation program.					
	LO4						
	LO5						
	LO6						
	LO7						

PART II (Faculty Board Approval)

Program Outcomes		LO1	LO2	LO3	LO4	LO5	LO6	LO7
Basic Outcomes (University-wide)	PO1	Ability to communicate effectively and write and present a report in Turkish and English.	✓	✓	✓			
	PO2	Ability to work individually, and in intra-disciplinary and multi-disciplinary teams.	✓	✓	✓			
	PO3	Recognition of the need for life-long learning and ability to access information, follow developments in science and technology, and continually reinvent oneself.	✓	✓	✓			
	PO4	Knowledge of project management, risk management, innovation and change management, entrepreneurship, and sustainable development.						
	PO5	Awareness of sectors and ability to prepare a business plan.						
	PO6	Understanding of professional and ethical responsibility and demonstrating ethical behavior.	✓	✓	✓			
Faculty Specific Outcomes	PO7	Having universal thoughts and values	✓	✓	✓			
	PO8	To be committed to academic and ethical values	✓	✓	✓			
	PO9	To provide qualified education, research and consultancy services at universal information and technology standards	✓	✓	✓			
	PO10	To be open to new goals, strategies and action plans that will take undergraduate and graduate education / training programs and scientific studies further	✓	✓	✓			
	PO11	To support, maintain and increase interdisciplinary / multidisciplinary studies in the services provided.	✓	✓	✓			
	PO12	To contribute and develop health policies for the benefit of the country.	✓	✓	✓			
Program Specific Outcomes	PO13	Explains the theoretical knowledge about basic medicine and clinical sciences with the main lines and relates them to physiotherapy.						
	PO14	Applies Physiotherapy and Rehabilitation assessment methods, analyzes and interprets theoretical knowledge by associating	✓	✓	✓			
	PO15	Plans and implements the individual physiotherapy and rehabilitation program	✓	✓	✓			
	PO16	Records and archives assessment and treatment data	✓	✓				
	PO17	Plans, conducts and presents a scientific research	✓	✓	✓			
	PO18	Has effective communication skills		✓	✓			
	PO19	Defines professional duties and responsibilities legally and applies them within the framework of ethical principles.	✓	✓	✓			
	PO20	Has lifelong learning skills related to the profession	✓	✓	✓			
	PO21	Can use foreign language effectively to follow professional developments						

	PO22	Knows and applies quality, occupational health and safety issues related to the profession										
PART III (Department Board Approval)												
Course Contents, Contribution of Course Contents to Learning Outcomes, and Methods for Assessing Learning of Course Contents	Subject	Week	Details of Course Contents			LO1	LO2	LO3	LO4	LO5	LO6	LO7
	S1	1	Anatomy of heart			A!/A4	A!/A4	A!/A4				
	S2	2	Cardiovascular physiology			A!/A4	A!/A4	A!/A4				
	S3	3	Ischaemic cardiac conditions			A!/A4	A!/A4	A!/A4				
	S4	4	Myocardial infarction and it's rehabilitation			A!/A4	A!/A4	A!/A4				
	S5	5	Diagnostic testings and procedures			A!/A4	A!/A4	A!/A4				
	S6	6	Electrocardiography			A!/A4	A!/A4	A!/A4				
	S7	7	Cardiopulmonary exercise testings			A!/A4	A!/A4	A!/A4				
	S8	8	Midterm Exam Week			A!/A4	A!/A4	A!/A4				
	S9	9	Cardiac rehabilitation and it's phases			A!/A4	A!/A4	A!/A4				
	S10	10	Rehabilitation in cardiovascular surgery			A!/A4	A!/A4	A!/A4				
	S11	11	Rehabilitation in heart failure			A!/A4	A!/A4	A!/A4				
	S12	12	Diabetes rehabilitation			A!/A4	A!/A4	A!/A4				
	S13	13	Rehabilitation in obesity and hypertension			A!/A4	A!/A4	A!/A4				
	S14	14	Rehabilitation in peripheral arterial disease			A!/A4	A!/A4	A!/A4				
Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules	No	Type		Weight	Implementation Rule			Make-Up Rule				
	A1	Exam-Final Jury, Final Project		60%	One final exam is applied. Exam dates are announced by the faculty.			ABU's relevant regulation is applied.				
	A2	Quiz										
	A3	Homework										
	A4	Midterm		40%	1 midterm exam (visa) is applied. Exam dates are announced by the faculty			ABU's relevant regulation is applied.				
	A5	Project										
	A6	Presentation										
	A7	Attendance/Interaction										
	A8	Field Work										
	A9	Others										
TOTAL				100%								
Evidence of Achievement of Learning Outcomes	At least one question from each subject is asked during the exams. A weighted average is calculated for each student based on the percentage of each assessment method. Students are required to collect a minimum score over 100, which is announced by the instructor, to pass the course. This score is determined based on class average.											
Method for Determining Letter Grade	Direct Conversion System ("DDS" in the regulation.)				<input checked="" type="checkbox"/>				Relative Evaluation ("BDS" in the regulation.)			
	A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below)				<input type="checkbox"/>							
	<u>Success Grade Range</u>		<u>Letter Success Note</u>		<u>Success Coefficient</u>		<u>Success Assessment</u>					
			A+		4,00		Successful					
	95-100		A		4,00		Successful					
	85-94		A-		3,70		Successful					
	80-84		B+		3,30		Successful					
	75-79		B		3,00		Successful					
	65-74		B-		2,70		Successful					
	60-64		C+		2,30		Successful					
55-59		C		2,00		Successful						
50-54		C-		1,70		Passes						
45-49		D+		1,30		Unsuccessful						
40-44		D		1,00		Unsuccessful						
0-39		F		0		Unsuccessful						
Teaching Methods, Student Work Load	No	Method			Explanation			Total Hours				
	Time expected to be allocated by instructor											
	1	Lecture			Lesson topics are explained by writing on the board or with a computer presentation. Sample questions are solved during the lesson.			28				
	2	Interactive Lecture										
	3	Recitation										
	4	Laboratory										
	5	Practical			It includes lectures made by showing with applications.			14				
	6	Field Work										
	Time expected to be allocated by student											
	7	Project										
	8	Homework										
	9	Pre-class Learning of Course Material			New topics are learned before being taught in the classroom.			25				
	10	Review of Course Material			Topics are repeated to prepare for exams and assignments.			25				
	11	Studio										
	12	Office Hour										
Calculated ECTS Credit(s)				Max.	3	Min.	3	Grand Total		92		

IV. PART

Instructor	Name Surname	
	E-mail	
	Phone Number	
	Office Number	
	Office Hours	
Course Materials	Mandatory	
	Recommended	Fizyoterapi ve Rehabilitasyon (Cilt no 3), Editörler, A Karaduman, ÖT Yılmaz, 2017
		Kardiyak Rehabilitasyon, Editör Harutoğlu H. 2019
		Hillegas EA, Sadowsky (eds). (2001) "Cardiopulmonary Physical Therapy" USA, WB Saunders Company. American Association of Cardiovascular and Pulmonary Rehabilitation Guidelines for Cardiac Rehabilitation Programs" (1995) USA, Human Kinetics.
Other	Scholastic Honesty	Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Any form of scholastic dishonesty is a serious academic violation and will result in a disciplinary action. It is explained in Article 25 of the Directive on Associate and Undergraduate Programs of Antalya Bilim University.
	Students with Disabilities	Reasonable accommodations will be made for students with verifiable disabilities.
	Safety Issues	The course does not require any special security measures.
	Flexibility	Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.

Form No: ÜY-FR-1047 Yayın Tarihi 01.04.2021 Değ. No 0 Değ. Tarihi-