		ECTS COURSE DES	CRIPTION I	FORM											
	[PART I (Senat	Offering												
Offering School	Antalya Bilim University				nt	l Rehabilitatio	n								
	Physical The	erapy and Rehabilitation						<u> </u>	J						
Program(s) Offered to			<u> </u>												
Course Name	Biomechani	cs and Kinesiology II		Course (Code	<u> </u>									
Level of Course	Undergradu	ate	Type of Course Theoric, Pratical												
Language of	Turkish		ECTS Credits 3												
Instruction	Lecture:	2	1 Studio:												
Hours per Week	Laboratory:		Recitation:	*		Other:									
Pre-requisites	None	L		Co-requi	sites	None									
Registration Restriction	None			Grading	Mode	Letter Grade									
Educational Objective	Mechanics a shoulder-arr	Achanics and pathomechanics of columna vertebralis, Mechanics and pathomechanisc of pelvis, hip, knee, ankle joint and foot, Mechanics and pathomechanics of houlder-arm komplex, elbow, wrist and hand													
Course Description	Columna ve complex, ell	rtebralis pathologies, anatomical and mechanical properties; bow, hand-wrist, and the pathological conditions of the spine	The anatomical, kin e and their relations	ematic and with each o	kinetic fea ther are co	tures of the vered in the	e pelvis, hij e course.	p, knee, foot/a	ınkle, shoul	der-arm					
	L01	LO1 Describes the normal motion/function and make comparisons with pathologi-cal conditions.													
	LO2 LO3	Learns mechanic and pathologic features of pelvis, hip, knee	s, ankle and foot, que	stions the k	nowledge to	ogical cond	ittions; iear	ns preventativ	e factors, e	rgo-nomic					
Learning Outcomes	LO4	Learns the kinematic and kinetic data for the dynamic activity	ties of lower limbs.		U										
	LO5	Defines mechanical and pathological conditions of shoulder-a	arm complex, el-bow,	wrist, hand	l and uses t	his knowled	lge in pract	ice.							
	LO6														
	1	PART II (Faculty)	Board Approval	l)	1.02	1.02	1.04	1.05	1.04	1.07					
	POI	Ability to communicate effectively and write and present a r	eport in Turkish	LOI	102	L03	LO4	LOS	LO6	L07					
	PO1	and English. Ability to work individually, and in intra-disciplinary and mu	ılti-disciplinary		√										
Basic Outcomes (University-wide)	PO3	teams. Recognition of the need for life-long learning and ability to a		v											
	PO4	Knowledge of project management, risk management, innova			✓										
	P04	management, entrepreneurship, and sustainable development	t.	v											
	105	Understanding of professional and ethical responsibility and													
	PO6	ethical behavior.	_	~	✓		✓								
	PO7	Having universal thoughts and values		✓											
Faculty Specific Outcomes	PO8	To be committed to academic and ethical values	✓												
	PO9	To provide qualified education, research and consultancy ser information and technology standards	\checkmark												
	PO10	To be open to new goals, strategies and action plans that will and graduate education / training programs and scientific str	\checkmark												
	PO11	To support, maintain and increase interdisciplinary / multidis the services provided.	sciplinary studies in	~											
	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 with the main lines and relates them to physiotherapy.	clinical sciences	\checkmark	\checkmark	✓	\checkmark	\checkmark							
	PO14	Applies Physiotherapy and Rehabilitation assessment method interprets theoretical knowledge by associating	ls, analyzes and	\checkmark	\checkmark	\checkmark									
	PO15	Plans and implements the individual physiotherapy and reha	bilitation program	✓	\checkmark										
	PO16	Records and archives assessment and treatment data		✓	\checkmark										
	PO17	Plans, conducts and presents a scientific research		✓	\checkmark										
	PO18	Has effective communication skills		✓	✓										
	PO19	Defines professional duties and responsibilities legally and ap the framework of ethical principles.	✓	\checkmark											
	PO20	Has lifelong learning skills related to the profession			\checkmark			\checkmark							
	PO21	Can use foreign language effectively to follow professional de	\checkmark	\checkmark											

	PO22	Knows and applies profession	quality, occupation	nal health	and safety iss	sues rel	lated to the	\checkmark	\checkmark						
	PART III (Department Board Appro					oval)	1.02	1.02	1.04	1.05	1.06	1.07			
	Subject	1	Details of Course Contents				LUI	LO2	LUS	LU4	LUS	LU0	LU7		
	51 52	2	Pothemaskanias of columna variabralia				A1/A4	A1/A4	A1/A4						
	52	2	rauomecnanics of columna vertebralis			,		AI/A4	AI/A4	AI/A4					
	83	3	5 iviechanics of pervis					A1/A4	A1/A4	A1/A4					
	S4	4	4 Pathomechanics of pelvis					A1/A4	A1/A4	A1/A4					
Course Contents,	S 5	5	5 Mechanics and pathomechanics of h				nd	A1/A4	A1/A4	A1/A4					
Contribution of Course Contents to Learning Outcomes, and Methods for Assessing Learning of Course Contents	S6 87	6	Mechanics and p	anics of knee	e joint		A1/A4	A1/A4	A1/A4						
	S8	8	Midterm Exam Week					A1/A4	A1/A4	A1/A4					
	S 9	9	Foot deformities			A1/A4	A1/A4	A1/A4							
	S10	10	Mechanics and pathomechanics of shoulder-arm komp				ırm komplex	A1/A4	A1/A4	A1/A4					
	S11	11	Mechanics and pathomechanics of elbow joint					A1/A4	A1/A4	A1/A4					
	S12	12	Mechanics and pathomechanics of elbow joint			ıt	A1/A4	A1/A4	A1/A4						
	S13	13	Mechanics of wrist joint and hand					A1/A4	A1/A4	A1/A4					
	S14	14	Pathomechanics	of wrist jo	oints and han	d		A1/A4	A1/A4	A1/A4					
	No		Type Weight				Imp	Implementation Rule			Make-U	p Rule			
Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules	A1	Exam-Final Jury,Final Project					60%	One final dates are a	One final exam is applied. Exam dates are announced by the faculty.			BU's relevant regulation is applied.			
	A2	Quiz													
	A3	Homework						1 midtern	1 midterm exam (visa) is applied						
	A4	Midterm					40%	Exam dat	Exam dates are announced by the faculty			ABU's relevant regulation is applied.			
	A5	Project													
	A6	Attendence/Interaction													
	A	Class/Lab./	action												
	A9	Others	TOTAL				1000/								
Evidence of Achievement	At least one o	uestion from each su	IUIAL biect is asked during	the exams	A weighted a	average	100%	for each stud	lent based o	n the percent	age of each	assessment me	thod. Stude	nts are	
of Learning Outcomes	required to co	ollect a minimum sco	re over 100, which is	s announce	d by the instru	ictor, to	pass the cou	irse. This scor	e is determi	ned based on	class averag	ge.	1		
	Direct Conversion System ("DDS" in the regulation.) Image: Conversion System ("DDS" in the regulation.) A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below) Image: Conversion System ("DDS" in the regulation.)														
			Succes	ss Grade	Letter Succ	ess	Success	Success Asse	ssment				<u>.</u>		
			Ka	inge	A+	4	Loefficient 4,00	Successful							
			95-100 85-94		A A-	4	1,00 1,70	Successful Successful							
Method for Determining Letter Grade			80-84		B+	0 00	,30 L00	Successful Successful							
			65-74		B-	2	,70	Successful							
			55-59		C +	2	,30 1,00	Successful Successful							
			50-54 45-49		C- D+	1	.,70 .,30	Passes Unsuccessfu							
			40-44 0-39		D F	1	.,00	Unsuccessfu Unsuccessfu							
	No	No Method							Expla	anation		Т	otal Hours	5	
Teaching Methods, Student Work Load		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 Lectu	active Lecture												
	3	Recitation													
	4	Practical 14													
	6	Field Work													
					Time ex	pecteo	l to be alloc	ated by stu	dent			·			
	7	Project Homework													
	8	Homework						New topics are learned before being							
	9	Pre-class Learning of Course Material						Topic	taught in the classroom. 28						
	10	Review of Course Material					i opica (exams and assignments.							
	11	Studie													
	11 12	Studio Office Hour						One-or	i-one meet	ing with the	e faculty				

		IV. PART	
Instructor	Name Surname		
	E-mail		
	Phone Number		
	Office Number		
	Office Hours		
	Mandatory		
Course Materials	Recommended	Human Movement Explained. Butterworth-Heinemann Ldt. Linacre House, Jordan Lippert LS. Clinical Kinesiology and Anatomy. Fourth Edition. F. A. Davis Company, USA Levangie PK, Norkin CC. Joint Structure and Function: a Comprehensive Analysis. Fourth White AA, Panjabi MM. Clinical Biomechanics of the Spine. Lippincott Williams&Wilkins	n Hill, Oxf
Other	Scholastic Honesty	Kesici, T., Kocabaş Z. (2001) Bilgisayar , Ankara Üniversitesi Rektörlüğü Yayınları	
	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.	

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