BIOMECHANICAL										
1	Course Title:	BIOMEC	CHANICAL							
2	Course Code:	AE006								
3	Type of Course:	Optional								
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	3								
7	ECTS Credits Allocated:	4.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	ace							
14	Course Coordinator:	Dr. Ögr.	Üyesi Hüseyin TOPÇU							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	Dr. Öğr. zaim@ul 0224294	Üye Zaim Alparslan ACAR ludag.edu.tr 0688							
17	Website:									
18	Objective of the Course:	To be informed about the review of mechanical movement.								
19	Contribution of the Course to Professional Development:	They will	have proficiency in sports biomechanics.							
20	Learning Outcomes:									
		1	Will have information about the emergence of biomechanics							
		2	Within the related disciplines of biomechanics and the function will understand							
		3	Of biomechanics teacher, coach and athlete understand the benefits							
		4	Learn the concept and types of motion							
		5	In the study of biomechanics is to explain the function of the movement.							
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	Definitions and concepts									
2										
3	Proposed of biomechanics									
4	Dranches of biomechanics									
5	The components of force									

6	Kinematic analysis of the movement																			
7	Kinetic analysis of the movement																			
8	Cente	r of	f gravi	ty																
9	Mover	Vovement and balance																		
10	Biyois	tati	k																	
11	Levera humai	age n be	e syste ody	ems ai	nd the	ir anal	ysis in	the												
12	Newto	n's	Laws	5																
13	Newto	n's	Laws	6																
14	Motion-related information on the integration of																			
22	Textbooks, References and/or Other Materials:									Spor Biyomekaniği Temel Prensipler Serap İnal Ekim 2004 / 1. Baskı / 268 Syf. İnsan Hareketinde Biyomekanik, Sağlık Profesyonelleri için Temel ve İlerisi Prof. Dr. Yavuz Yakut Ürün kodu: 1219 Yayınevi: PELİKAN KİTABEVİ Kinezyoloji ve Biyomekanik Gül Şener, Fatih Erbahçeci Hipokrat Kitabevi										
Activites								1	Numb	er		Dura	ition (Total V Load (ł	Fotal Work ₋oad (hour)					
Theore	heoretical								00	4			2.00	2.00 28.00						
Practica	acticals/Labs)			0.00	0.00 0.00						
Şeif stu	Self study and preperation								60	đo			5.00		70.00					
Homew	omeworks												10.00	10.00			10.00			
Projects	Projects									40.00				0.00			0.00			
Field St	ield Studies)			0.00	0.00			0.00			
Michtenno	ዘዋበሙ የውቅ Final Exam to Success Grade										60100				4.00					
Others	hers										0				0.00					
Final E:	inal Exams									homework and midterm				s 40%		2.00				
Total W	Fotal Work Load															118.00				
Total w	otal work load/ 30 hr															3.80				
ECTS (CTS Credit of the Course															4.00				
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																			
	P	ຊ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	5		5	0	0	5	0	0	0	0	0	0	0	0	0	0	0			
ÖK2	5		5	0	0	0	0	0	0	0	5	0	0	0	0	0	0			
ÖK3	0		0	0	0	4	0	0	0	0	5	0	0	0	0	0	0			
ÖK4	5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

ÖK5	1	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	
LO: Learning Objectives PQ: Program Qualifications																	
Contrib ution Level:	Contrib 1 very low ution Level:			:	2 low			3 Medium			4 High			5 Very High			