

NEAR EAST UNIVERSITY – COMMON COURSES COORDINATION UNIT



Ders Bilgi Formu / Course Information Sheet

Ders Kodu / Course Code GEC210	Ders Adı / Course Name Physics of Sports	Kredi /Credit 3	AKTS /ECTS 5				
Önkoşul / Pre-requisite: None							
Ders Dili / Language: English		Ders Türü /Course Type: Elective	Öğretim Ortamı / Mode of Instruction: Online				
Haftalık Ders Saati / Weekly Hours	Sınıf Saati / Class Hours	Laboratuva r / Laboratory	Uygulama / Practicum	Öğretim Oturumları / Learning Sessions			
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Öğretim Çıktıları / Learning Outcomes		<p>Bu dersin sonunda öğrenciler: After the completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> ▶ Use of evaluation criteria for an assessment of Physics of Sports ▶ Examine different concepts implemented in Physics of Sports ▶ Demonstrate and reconstruct a specific Physics of Sports problems ▶ Apply a Physics of Sports principles for verification of the problems ▶ Analyze variables of Physics of Sports problems 					
Ders Tanımı / Course Description		This is an elective course for all faculties. Its covers basic principles of various sports activity described by using all of the fundamental physics principles (Newton's law, work, energy and power)..					
Dersin Amaçları / Course Objectives		The objectives of this course are to provide the students with the concepts and principles of constructions of physics of sports and to enable students to evaluate and choose tools to match the problem					
Kullanılan Materyaller / Textbooks and/or References		1 Materials on UZEM 2 Lecture notes					
Ders İçeriği / Course Content		1. The Physics Of Archery 2. Physics of Basketball 3. Physics of Billiard 4. Physic of Volleyball 5. Physics of Tennis 6. Physics of ice skating 7. Physics of Bowling 8. Physics of Bungee Jumping 9. Physics of Figure Skating 10. Physics of Sky Diving 11. Physics of Baseball 12. Physics of Running					