Course Information										
Course Code	Т	P	L	C	ECTS	Type C/E	Language TR/ENG etc.	Year/Semester		
FİZ1055	0	0	3	2	3	C	TR	1/FALL		
Course Name (Turkish)	Genel Fiz	Genel Fizik Laboratuvarı-I								
Course Name (English)	General 1	General Physics Laboratory-I								

Unit/Program	Physics Department/Undergra	duate Program		
Course Prerequisite	No			
Course Objectives	To introduce students to general experimental applications.	al physics concepts an	d to give basic inform	nation with
Course Outline	General Physics Experiments			
Textbook/ Material / Resources	Laboratory Test Sheet Booklet and	l auxiliary resources.		
Internship Status	No			
	Course	Precedents		
University Name	Program Name	Course Name	T-P-L-C; ECTS	Туре
The instructor wh	o proposed the course (Title, Name	e and Surname)	Signature	
Instructors who c	an teach the course (Title, Name and	l Surname)	Signature	

Academic justification for the opening of the course? (The effect of course outcomes on program outcomes, etc.)

ECTS update for FIZ155 course

Brief explanation of the course (theoretical lecture, applications, laboratory, studio, off-campus activity, using software, etc.)

It will be processed in a face-to-face laboratory environment under the supervision of the relevant faculty members.

External Stakeholder Opinions About the Course (It is expected that the opinions to be obtained from the business world that will employ your graduates or from real or legal persons outside the University who have expertise on the subject of the course will be specified. Proof documents must be attached to this form.)

Stakeholder Name	Opinion (It should be given as a summary, it should not exceed two lines.)

	Weekly	Course Content Distribution
Wee k	Theory	Application/Laboratory
1	Basic Laboratory Principles	
2	Basic Quantities, Systems of Units, Physical Measurements and Errors	
3	Introduction of Laboratory Instruments	
4		Smooth Linear and Accelerated Motion
5		Free Fall Test
6		Simple Pendulum
7		Oblique Shot
8		Atwood's Machine and Newton's Laws of Motion
9	Midterm Exam	
10		Conservation of Energy
11		Flexible Collision and Completely Inelastic Collision
12		Conservation of Angular Momentum and Rotational Moment of Inertia
13		Hooke's Law and Simple Harmonic Motion
14		Excuse Test
15		
16		

Assessment							
	Activity	Contribution to Success Grade (%)					
	Midterm Exams	1	40				
	Quizzes						
	Assignments						
Evaluation Criteria	Projects						
	Term Paper						
	Laboratory						
	Other						
	Final Exam	1	60				
		Sum:	100				
Remarks							

	Mathematics and Basic Sciences	100
	Engineering Sciences	
Content Design and	Social Sciences	
Subject Weight (%)	Health Sciences	
(78)	Educational Sciences	
	Culture and Art Sciences	
	Design Information	

Events	Workload (ECTS) Calculation													
Midterm Exam Application	Events	Number	Du	ratio	on (1	Hou	rs)	Tota	ıl wo	rklo	ad (Hov	ırs)	
Self-Study (including pre-class and exam preparation) Make-up Exam 1	Fieldwork													
Self-Study (including pre-class and exam preparation) Make-up Exam 1					1					1				
Experiment and Observation 9 2 18	Self-Study (including pre-class and exam													
Experiment and Observation 9 2 18		1			1			1						
Class Participation (Theory)														
Homework		9						18						
Final Exam Practice														
Laboratory		1			1		-			1				
Article Review Writing an Article Reading Case Study Performance Problem Solution Project Preparation Project Submission Quiz Report Preparation 9 1 9 Submitting Reports Role/Drama Work Seminar Oral Exam Team/Group Work 9 1 9 Argument Application/Practice Other TOTAL WORKLOAD: 81 ECTS CREDITS OF THE COURSE: (The number obtained as a result of Total Workload/25 is calculated by rounding to the whole number.) Program Outcomes (PO) Learning Outcomes (LO) (Course Outcomes) Can carry out independent and collaborative studies on physics-related issues and use analytical thinking skills Gain the knowledge and skills necessary to use experimental methods and data analysis techniques Students have the ability to participate effectively in group work Students gain the ability to take responsibility and have principles Students ability to make written and oral presentations Students' ability to make written and oral presentations														
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	Students' ability to make written and oral presentations		5	4	4	4	5	4	5	5	4	3	4	

Organizer: Assoc. Prof. Dr. Köksal YILDIZ

Preparation Date: 20.05.2024