

FACULTY OF ENGINEERING
1st Year 2nd Semester

FIZ 156 Physics Laboratory				FACULTY OF ENGINEERING					
Semester	Methods of Education							Credits	
	Lecture	Recit.	Lab.	Project / Field Study	Homework	Other	Total	Credit	ECTS Credit
2			28	2			30	0	1.0
Language	Turkish / English								
Compulsory / Elective	Compulsory								
Prerequisites	None								
Course Contents	Velocity and Acceleration, Two Dimensional Motion, Newton's Laws of Motion: Motion in Oblique Plane, Elastic and Inelastic Collisions, Simple Harmonic Motion								
Course Objectives									
Learning Outcomes and Competences									
Textbook and /or Reference	List and Manual of Experiment								
Assessment Criteria						If any, mark as (x)		Percentage (%)	
	Midterm Exams					X		60	
	Quizzes					-		-	
	Homeworks								
	Projects								
	Term Paper								
	Laboratory Work					X			
	Other					-		-	
	Final Exam					X		40	
Instructors									
Week	Subject								
1	Simple linear motion and uniformly accelerated motion on the air table								
2	Projectile Motion Uniform Circular Motion								
3	Accelerated motion in oblique plane								
4	Elastic and inelastic collisions with equal masses Completely inelastic collisions with equal masses								
5	Determination of stiffness coefficient Spring-Disc-Spring System, Simple harmonic motion								
6	Application								
7	Application								
8	Application								
9	Application								
10	Application								
11	Application								
12	Application								
13	Application								
14	Application								