Course Name	Course Code	Semester	T + P	Credit	ECTS
Physics II		2	4 + 0	4	4

Prerequisite Courses	None

If the language of Code	Turkish
Course class	Compulsory
If the Coordinator of Code	
Instructor	
Assistant Course	No
Objective of Course	The aim of this course is; in the first year, to give information about the basic concepts of physics to computer engineering students and to introduce the importance of engineering and the use and benefits of physics in our everyday life.
Course Learning Output	**The students completed the course:** • Gain the ability to use the techniques necessary for engineering applications. • Apply skills in mathematics, science and engineering knowledge. • Gain ability to define, formulate and solve engineering problems.
Contents Course	Basic information about kinematics and kinetic topics is given in physics course.

Weeks	Topics
1	Material, Fluid Pressure Change, Pascal Principle and Water Cylinder.
2	Archimedes principle, solution of problems related to the subject.
3	Temperature and Expansion, Thermometers, Celsius, Fahrenheit, Kelvin Scales,
4	Expansion, solution of problems related to the subject
5	Work and Heat, Volume Work, Mechanical Equivalent of Heat, Heat Capacity and Specific Heat. Phase Change, Heat Conduction and Paths
6	Practice and problems related to work and heat
7	Coulomb Law, Atomic Structure, Electric Charges, Conductors and Insulators, Load Quantity and Units
8	MIDTERM
9	Solving problems related to the subject
10	Electric Field, Electric Field Intensity Account, Force Lines, Loads in the Conductor, Loaded Conductor, Kurerenin Field.
11	Solving problems related to the subject.
12	Potential, Potential Song, Problem Solving
13	Current and Resistance, Ohm's Law, Current, Potential Song and Resistance Measurements, Joule experiment. Solution of Problem Related Problems.
14	An overview
15	FINAL EXAM

General Sufficiency
In evaluations, it is important for students to understand the main points of this lesson and use it in engineering applications.
References
• Richards, Sears, Wehr, Zemansky, (Çev: Domaniç, F., TACER, L., MURAT, Y., Modern Üniversite Fiziği, C.I, Çağlayan Kitabevi, İstanbul • Douglas C. GIANCOLI, Çeviren: Prof. Dr. Gülsen Önengüt, FEN BİLİMCİLERİ & MÜHENDİSLER İÇİN FİZİK, Yayınevi: Akademi Yayıncılık, Yayın Yeri: ANKARA, ISBN NO: 9789756885208, Yayın Yılı: 2009
Assessment
Midterm: 40% Final exam: 60% of the project or assignment can be made and announced at the beginning of the semester evaluations.