MARMARA UNIVERSITY FACULTY OF ENGINEERING

PHYS 102
PHYSICS 102  Spring Semester COURSE DESCRIPTION

Course Code  : Phys 102
Course Title  : Physics 102
Status of the Course  : Compulsory
Number of Credits  : (4+0)
Course Type  : Lecture
Course Language  : English
Lecturer  : Assist.Prof. Dr. Fatih DUMLUDAĞ (Office: Faculty of Science and Letter, Dept. of Physics, C107)
Office Hours  : Monday 13:00-14:00, Wednesday 15:00-16:00, Outside office hours, by appointment via e-mail
Class Hours and Locations:
Comp. & Mech. Eng.; Monday 09:00-10:50, Room 244; Wednesday 11:00-12:50, Room 242
Environmental Eng.; Monday 15:00-16:50, Room 345; Wednesday 09:00-10:50, Room 345
WEB Site  : http://mimoza.marmara.edu.tr/~fatihdumludag/
Tel   : 0.216.348 5938 (Office: 1312, Nano Devices Laboratory: 1251)

Objectives of the Course: The main objectives of this introductory physics course are twofold: to provide the student with a clear and logical presentation of the basic concepts and principles of physics, and to strengthen an understanding of the concepts and principles through a broad range of interesting applications to the real world. In order to meet these objectives, emphasis is placed on sound physical arguments. At the same time, I have attempted to motivate the student through practical examples that demonstrate the role of physics in other disciplines.


Teaching Method: Lectures supported by applications.

Assessment Details:
Assessment & Examination Method
i) 1 Midterm (60 Pts), Short Quizzes (2) (2x20 pts)(some will be unannounced)
ii) Final
Result: [0,6*(Quiz+Mid-term)]+[0,4*Final Exam]

Text Book: