PHYSICS 101

Course Code: Phys 101
Course Title: Physics 101
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, C107-9
Office Hours: Monday 13:00-14:00, outside office hours, by appointment via e-mail
Class Hours and Locations:
Comp. Sci. & Mech. Eng.: Monday 08:30-10:20, Room 242; Wednesday 08:30-10:20, Room 244
Environmental Eng. : Monday 15:30-17:20, Room 554; Wednesday 10:30-12:20, Room 241
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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: