Instructors:

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Taylan Akdoğan     taylan.akdogan@boun.edu.tr   KB 331-K

Office hours: By appointment.

Course schedule:

Section I  MMWWThTh  343434  Akdoğan
Section II MMWWThTh  121212  Öğuz
Section III MMWWThTh  343434  İnci
Section IV MMWWThTh  565656  Akdoğan
Section V  MMWWThTh  343434  Öğuz
Section VI MMWWThTh  121212  İnci

About the course: The following subjects and concepts will be covered in this course: Charge and matter, the electric field, Gauss law, electrostatic potential, capacitance, current and resistance electromotive force and circuits, the magnetic field, Ampere’s law, Faraday’s law, inductance, magnetic properties of matter.

Prerequisites: Phys 101 or Phys 121.

Required text: Serway & Jewett, Physics, 7th Edition. Chapters 23 to 32 will be covered.

Attendance: We expect you to come to class regularly and on time. You should be prepared to discuss the textbook material and to have worked on the suggested problems.

Homework: We will suggest problems chosen from the textbook. We strongly recommend you to work on these problems.

Exams: There will be two 50-minute midterms, and a 120-minute final exam. All exams will be closed book/closed notes. Calculators are not allowed. Midterm I will be given on July 9th, Midterm II will be given on July 23rd.

Makeup: There will be one make-up exam if you miss one or two midterms and you have proper excuse. A proper medical excuse is a doctor’s report taken from one of the following: i) Our Infirmary (revir) [Reports from elsewhere in Istanbul are not accepted!] ii) A hospital outside Istanbul. Nonmedical excuses will be considered separately. If you miss the final exam, you must petition the University’s commission.

Laboratory: Two laboratory sessions every week. Students who take PHYS 201 course in the summer semester must have Phys Laboratory registration on June 23rd, 2008 Monday at KB 410. See Zuhal Kaplan for Lab. Registration and follow the given registration instructions at KB 410. Physics Laboratories will begin on June 25th, 2008. Late registration will not be accepted as an excuse for missed labs. Lab registration must be done by yourself. Responsibility of any given wrong information belongs to you.

Grading: The weights that will determine the cumulative grade are as follows:

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<tr>
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<th>Contribution</th>
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<tr>
<td>Midterm I</td>
<td>20%</td>
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<td>Midterm II</td>
<td>20%</td>
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<tr>
<td>Final</td>
<td>40%</td>
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<tr>
<td>Laboratory</td>
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The final grades will be determined according to the distribution of cumulative grades.