Chyanlong Lin, Fall 2014

Lecture (Physics 1062): M, 8-8:50 AM
W, 8-8:50 AM
F, 8-8:50 AM

Recitation (Physics 1062): T, 9-9:50 AM
T, 10-10:50 AM,
F, 9-9:50 AM,
F, 10-10:50 AM,
F, 11-11:50 AM.
*** Important Dates:

Last day to drop: Monday, September 8.

Last day to withdraw: Tuesday, Oct. 21.

Last Class: Monday, December 8.

Final Exam: Monday, December 15 (8:00 – 10:00 AM)

1. Instructor: C.L. Lin
   Office (Barton Hall, A121), Email: clin@temple.edu

2. Office Hours: Monday, 9:00-11:00 AM; Wednesday, 9:00-10:00 AM.
   Other days and times: appointment.

   10th edition, Chap. 18.

   *** Every student needs to bring the textbook to every lecture and recitation.

4. Students must attend every lecture, every recitation and every laboratory on time.

   If you come to class late, you will miss some materials and may not completely understand
   the entire lecture. If you miss a lecture, you certainly need many hours or many days to learn the
   material which you missed in the lecture. Perhaps you cannot completely understand the material that
   you missed and you will fail this course.

   Organize learning materials:
   Take good notes in lectures and recitations, and place them in order. For example, students either
   write notes and homework on a good notebook (but not on a spiral notebook – bad notebook) or write
   on separate sheets in a 3-ring binder.

   Review the lecture notes and read the textbook after each lecture on the same day of
   the lecture:
   It is essential that students understand the basic concepts and principles before attempting to solve
   assigned homework problems. Several readings (practices) of the lecture notes and textbook may be
   necessary in order to completely absorb the concepts and understand the scientific methods as well as
   equations.

5. Homework: After each lecture, several homework problems will be assigned.

   Keep in mind that this is the last step. If students do not review the lecture notes and read the
   textbook before working on homework assignments, students usually do very poorly in examinations
   because they do not understand the concepts and equations. Namely, students spend a lot of time but
   get a poor result (waste a lot of time and get frustrated.)
6. Quizzes: 10-15 minutes. Several quizzes will be given in lectures and recitations.

7. Examinations: First Exam: Sept. 12 (Friday)
   Second Exam: Oct. 8 (Wednesday)
   Third Exam: Nov 5 (Wednesday)

   Make-up exam and quiz will **not** be given except for unusual reasons [serious illness (provide me with a doctor’s note), etc.]. In every instance I must be notified prior to the exam.

8. Grading: Lab (20 %), Quizzes (15 %), First Exam (12 %), Second Exam (15 %), Third Exam (18 %), Fourth Exam (20 %), Extra credit (3 %).

   ** If a student attends every lecture, Lab and recitation, then he/she automatically gets an extra credit of 3 %. If one misses only one class (lecture, recitation, Lab), then he/she gets an extra credit of 2 %. If one misses two or more than two classes (lecture, recitation, Lab), then he/she gets no extra credit.

9: Final Grade (a total of 103 points):

   83 ---> 100  A  80 ---> 82  A-
   76 ---> 79  B+  71 ---> 75  B  67 ---> 70  B-
   61 ---> 66  C+  55 ---> 60  C  49 ---> 54  C-
   45 ---> 49  D  0 ---> 44  F

   ** If a student misses 4 or more than 4 Labs, or his/her average Lab score is below 50 (out of 100), he/she will automatically get a “F” grade for this course.

10. Disability disclosure statement: Contact Disability Resources and Services.

   Student and Faculty Academic Rights and Responsibilities:
   Check a variety of policies at [http://policies.temple.edu](http://policies.temple.edu)

11. Incomplete: will not be given unless students satisfy all the following conditions: (a) obtain an average grade of quizzes and exams, (b) attend every lecture, recitation and Lab, and (c) have a good reason (for example: very sick) for not taking the final exam.

12. Temple’s “BLACKBOARD”.

   Login “TUportal” → Blackboard → PHYSICS 1062 → Course Information & Course Content.
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<th>Week #</th>
<th>Lab</th>
<th>First day of the week</th>
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<td>Week 1</td>
<td>NO LAB</td>
<td>8/25/2013</td>
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<tr>
<td>Week 2</td>
<td>NO Lab</td>
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<td>Week 3</td>
<td>Lab#19 Thermal Expansion</td>
<td>9/8/2013</td>
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<td>Week 4</td>
<td>Lab#22 Heat Capacity and Specific Heat</td>
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<td>Week 5</td>
<td>Lab#27 Coulomb’s Law of Electrostatics</td>
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<td>Week 6</td>
<td>Lab#28 Mapping the Electric Field</td>
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<td>Week 7</td>
<td>NO LAB</td>
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<td>Week 8</td>
<td>Lab#31 Ohm’s law and Capacitance</td>
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<td>Week 9</td>
<td>Lab#30 Series and Parallel circuits</td>
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<td>Week 10</td>
<td>Lab#33 Magnetic Field due to Currents</td>
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<td>Lab#35 Electromagnetic induction</td>
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<td>Lab#36 Reflection and Refraction</td>
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<td>Week 13</td>
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<td>Week 15</td>
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