General Physics I

PHYS 201 Tentative Syllabus

Instructor: Gang Wang
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Office hours: Tuesday - Thursday, 4:30 -5:30 pm.

Course requirements:

Textbook: Physics, 8th Edition (REQUIRED)
By John D. Cutnell & Kenneth W. Johnson (John Wiley & Sons, Inc)
Lectures: Monday to Thursday 5:30 pm – 7:50 pm, KT 132
Labs: KT 129. One of the sections: Monday & Wednesday 8:00 pm – 9:50 pm
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Grading:

In class quizzes 15%
Hom ework assignments.....20%
Labs 20%
Midterm Exam I (Tuesday 05/25) 8%
Midterm Exam II (Thursday 06/03).....8%
Midterm Exam III (Monday 06/14) 9%
Final Exam (Wednesday, 06/23).....20%

General Policies:

1. Final exam counts 20% toward your final grade, however, you must score 50% or higher in the final Exam to pass the class.
2. Homework assignments are due by 5:30 on th e indicated dates. Late submission may be accepted for partial credit. Half of the full score of that assignment will be taken off **PER DAY** past due.
3. All in class quizzes are "pop-up" quizzes. Absolutely **NO** make-up quizzes.
4. Pre-Labs are due in the day *previous* to the lab. **NO** la te subm ission will b e accepted. A m aximum of **ONE** make-up lab is allowed through the summer session and the only available tim e for make-up lab is 06/23 W ednesday 8:00-9:50.
5. Final grade assignment:
   A^+ = 97%-100% (4.0GP) A= 93-96.99% (4.0 GP) A^- =90%-92.99% (3.7 GP)
   B^+ = 87%-89.99% (3.3GP) B= 83-86.99% (3.0 GP) B^- =80%-82.99% (2.7 GP)
   C^+ = 77%-79.99% (2.3GP) C= 73-76.99% (2.0 GP) C^- =70%-72.99% (1.7 GP)
   D^+ = 67%-69.99% (1.3GP) D= 63-66.99% (1.0 GP) D^- =60%-62.99% (0.7 GP)
   F = 0-59.99% (0 GP)

Lab Policies:

Each lab is graded based on a full credit of 20 points, which includes 5 points for pre-lab, 5 points for the lab performance, and 10 points for the final task. Labs **must** start **and** finish on time. Late finish will result a penalty of partial lab performance credit.

Objective of the class:

This course is designed to help you obtain working knowledge of mechanical and thermal phenomena. More importantly, the lecture will involve heavy discussions to help you build the skills for critical thinking and logically analyze real-world questions. You are encouraged to apply the knowledge to explain the problems you may come across in your life. The labs are designed to not only improve your understanding the lecture, but also to discover some important physics principles by yourself. Therefore, the labs are not necessarily scheduled at the pace of lectures. In your labs, please be prepared to run into new questions which may not be covered in the lecture yet.