

Mechanics

PHYS 152 Tentative Syllabus

Instructor: Gang Wang
Office: Kettler Hall 125
Phone: 481-6154
Email: wangg@ipfw.edu
Website: <http://users.ipfw.edu/wangg>
Office hours: Tuesday 11 am - 12 pm, Thursday 11 am – 12 pm, Friday 11 am – 12:00 pm. You are also welcome to email if you have any questions.

Course requirements:

Textbook: Quick Study Physics Chart (REQUIRED)
Fundamentals of Physics, (recommended)
By D. Halliday, R. Resnick, J. Walker (John Wiley & Sons, Inc)
Student Solution Manual, (Optional)
Lectures: Tuesday, Wednesday, Thursday and Friday 12:00 pm – 12:50 pm, KT 132
Labs: Friday 9:00 am – 10:50 am Or Friday 1:30 pm – 3:20 pm, KT 129

Grading:

In class quizzes10%
Homework assignments25%
Labs.....20%
Midterm Exams (8%, 8% and 9%)25%
Final Exam (**Tue. 05/05, 1 pm - 3 pm**)20%

General Policies:

- 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)
- Homework assignments are due by 4:30 on the indicated dates. Late submission may be accepted with punishment. Half of the full score of that assignment will be taken off **PER DAY** past due.
- All in class quizzes are “pop-up” quizzes. Absolutely **NO** make-up quizzes.
- If you catch me for any mistake on the blackboard, (no matter how silly it is), you get 0.25 extra point each time, up to 5 points total for the semester.
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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.

Objective of the class:

Students who successfully complete this course will have working knowledge of mechanical phenomena. You are encouraged to apply the knowledge to explain the problems you may come across in your life. At the end of this course, you will be able to perform analytically thinking and quantitatively solving a lot of real-world questions.