

Physics 20700

Monday-Wednesday 12 to 1:40. MR3

Instructor: Prof. Pouyan Ghaemi, pghaemi@ccny.cuny.edu

Office Hours: Monday 3-5

The book: Halliday, Resnick, Walker - Fundamentals of Physics

Grading:

Labs: 10% (In order to pass you **have to** attend the Labs), Home works: 10%

First exam: 15% Second exam: 15% Third exam: 15% Fourth exam: 15%

Final:20%

Final exam percent can replace two of the mid term exam percentages if it is higher than them.

The AccessAbility Center/Student Disability Services ensures equal access and full participation to all of City College's programs, services, and activities by coordinating and implementing appropriate accommodations. If you are a student with a disability who requires accommodations and services, please visit the office in NAC 1/218, or contact AAC/SDS via email (disabilityservices@ccny.cuny.edu), or phone (212-650-5913 or TTY/TTD 212-650-8441).

Syllabus

Week	Subject
1 -	Vectors
2 -	Kinematics
3 -	Forces
4 -	Forces/Exam 1
5 -	Forces
6 -	Forces
7 -	Work/Energy /Exam 2
8 -	Momentum

9 -	Rotations
10 -	Torque
11 -	Oscillations/Exam 3
12 -	Oscillations
13 -	Fluids
14 -	Heat
15 -	Thermo/Exam 4

The outcome of the course will be:

employ scientific and quantitative reasoning

1. to analyze a variety of physical phenomena at an introductory level,
2. to understand the core physical theories with mathematical rigor,
3. in studying a specialized or applied field of physics