

COURSE INFORMATION

Title: Introductory Course in Mechanics, Heat and Sound

Time: PHYS 110LC, section 051 T 7:00 PM - 8:15 PM 714 West
PHYS 110LC, section 051 R 7:00 PM- 8:15 PM 714 West
PHYS 110RC, section 051 R 8:25 PM – 9:15 PM 714 West

Instructor: Dr. A.K. Rajam
Email: arajam@hunter.cuny.edu
Office ph: 2127724587
Rm 1206 North
Office Hours: R 9:30 PM - 10:30 PM (or) By Appointment

Topics:

1. Kinematics in 1D and 2D
2. Newton's Laws of Motion (Linear and Circular)
3. Energy and Momentum
4. Rotational Motion
5. Waves and Oscillations
6. Sound
7. Heat and Kinetic Theory

Text Book(s): “Physics: Principles with Applications”, Volume 1 , 6th Edition, By GIANCOLI, Pearson

Exams: Two Midterm exams: 25 points each
First Midterm 10/12/2010
Second Midterm 11/16/2010
One Final exam (**Cumulative**): 35 points
12 /16/2010

Laboratory work: 15 points

Note: No multiple choice questions.
All the questions are descriptive. Partial credit will be given.
Each exam consists of 5 - 7 questions. There can be subquestions in each question.
No extra credits of any type.
Homework/webassigns will be given for practice.
Homework Problems/ any other questions will be discussed during the Recitation hour.
There will be NO make up exams unless there is a medical emergency and a note from the medical officer is provided.