

COURSE INFORMATION

Title: Introductory Course in Mechanics, Heat and Sound

Time: PHYS 110LC, section 051 T 7:00 PM - 8:15 PM 510 North
PHYS 110LC, section 051 R 7:20 PM- 8:25 PM 510 North
PHYS 110RC, section 051 R 8:25 PM – 9:15 PM 510 North

Instructor: Dr. A.K. Rajam
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Office ph: (212) 772-4587
Rm 1206 North
Office Hours: T 9:30 PM - 10:30 PM (or) By Appointment
W 9:30 PM – 10:30 PM (or) By Appointment

Teaching Assistants/Graders:

Ms. Danielle Dowling, email: ddowling@hunter.cuny.edu

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* (Only if time permits)

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

Exams (In-class): **Two Midterm exams: 24 points each**

First Midterm 03/10/2011

Second Midterm 04/14/2011

One Final exam (Cumulative): 36 points

05 /19/20101

Laboratory work: 16 points

Note: No multiple choice questions.

All the questions are descriptive. Partial credit will be given.

Each midterm exam contain 4 problems, each problem carries 6 points: $4 \times 6 = 24$

The final exam contains 4 problems, each problems carries 9 points: $4 \times 9 = 36$

No extra credits of any type.

Homeworks will be given for practice and will NOT be collected or graded.

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.

