

Physics 1201Q – Spring 2011

Dr. Saumitra Chowdhury

Course Text: Cutnell and Johnson, Physics, 8th edition, John Wiley & Sons, Inc

Lectures: Monday, Wednesday, Friday from 8 – 8:50 AM in room PB38, Physics Building, located on the ground floor of the Gant Science Building. The attached syllabus is a list of this semester's reading assignments.

Homework: Will be assigned weekly. A web-based evaluation will be used. Each student needs to register at URL, (PHYS 1201 Section 001 SP11)
<http://edugen.wiley.com/edugen/class/cls211819/>

If you are having trouble, please call customer support at 1-877-586-0192.

The homework must be submitted for grading via the link on the website on or before the due date. There will be no exceptions except for students who provide a written reason from the Dean of students within one week of returning to class. In such cases extension for one week will be given.

You will need a registration code to access *WileyPLUS*. It's your choice to buy it with or without the printed text:

- Buy the new, printed text in the bookstore and a *WileyPLUS* access code will be included.
- If you prefer to only use the online version of your text in *WileyPLUS* go to:
www.wileyplus.com/buy and save 60% off the price of the print text!

Once you purchase your *WileyPLUS* registration code, you will need to register for *WileyPLUS*:

1. COPY AND PASTE the specific Class Section URL listed below into your browser.

Class Section Name	Class Section URL
PHYS 1201 Section 001 Chowdhury SP11	http://edugen.wiley.com/edugen/class/cls211819/

2. Check that the section matches your schedule before you register!
3. Click the REGISTER button to start.
4. Need help registering? <http://www.wiley.com/college/twomin/stu/register.html>

WileyPLUS Help: LOGIN- www.wileyplus.com, LIVE CHAT! - Technical Support:
www.wileyplus.com/support, Additional Resources: www.wileyplus.com/studentfdoc

Laboratory: Laboratory and discussion sections will begin 3rd week of classes (Week of Jan 31). Lab classes are held in PB 204 (Sections 1 – 5) and PB 201 (Section 6). The lab manuals are on sale at the UConn Coop. All students are required to purchase their own lab manuals and have them when they come to lab. Please see Lab. Manual or ask Lab instructor, for Lab. policy on Lab grades and its effect on final grade.

Evaluation: The final grade will consist of:

Homework –	20%
Lab Grade –	25%
Midterm –	20%
Final –	35%

For students missing the midterm, that fraction of the grade will be added to the final exam if a note for cause is provided from Dean of Students. There will be no make up for midterm.

Incomplete: Final exam is mandatory. Students missing the final exam will get an incomplete for the course unless they have a written permission from Dean of students.

Physics Learning Resource Center: For extra help on homework please use the Physics Learning Resource Center, room P207-C. There you will find other students and tutoring by teaching assistants. For more information see <http://www.phys.uconn.edu>.

Academic Misconduct: Please see: <http://www.dosa.uconn.edu/>

Contact Information: S Chowdhury, P-219, 486-2903, saumitra@phys.uconn.edu.

Office hours: Mondays, Wednesdays and Fridays, 11 AM - 12 PM or at other times by arrangement.

Schedule:

Week	Dates	Chapter	Topics
1	19-Jan	1	Units and Concepts
1	21-Jan	2	Motion in One Dimension
2	24-Jan	3	Motion in Two and Three dimensions - Vectors
2	26-Jan	3	Motion in Two and Three Dimensions
2	28-Jan	3	Motion in Two and Three Dimensions
3	31-Jan	4	Force and Motion – Newton’s Laws
3	2-Feb	4	Force and Motion
3	4-Feb	4	Force and Motion
4	7-Feb	5	Using Newton’s Laws – Circular Motion
4	9-Feb	5	Using Newton’s Laws - Gravity
4	11-Feb	5	Using Newton’s Laws - Gravity
5	14-Feb	6	Work, Energy, and Power
5	16-Feb	6	Work, Energy, and Power
5	18-Feb	6	Conservation of Energy
6	21-Feb	6	Conservation of Energy, Gravitational energy
6	23-Feb	6	Conservation of Energy, Gravitational energy
6	25-Feb	7	Momentum Conservation – One Dimension
7	28-Feb	7	Momentum Conservation – One Dimension
7	2-Mar	7	Collision in two dimensions – Center of Mass
7	4-Mar		Mid Term
8			SPRING RECESS
9	14-Mar	8	Rotational Motion
9	16-Mar	8	Rotational motion
9	18-Mar	8	Rotational motion
10	21-Mar	9	Torque and Angular Momentum
10	23-Mar	9	Torque and Angular Momentum
10	25-Mar	9	Rotational Work and Energy
11	28-Mar	10	Simple Harmonic Motion
11	30-Mar	10	Simple Harmonic Motion
11	1-Apr	10	Energy and harmonic motion
12	4-Apr	10	Stress, Strain and Hook’s Law
12	6-Apr	16	Waves and Sound
12	8-Apr	16	Waves and Sound
13	11-Apr	16	Waves and Sound
13	13-Apr	11	Fluids
13	15-Apr	11	Fluids
14	18-Apr	11	Bernoulli’s equation
14	20-Apr	12	Temperature and Heat
14	22-Apr	12	Temperature and Heat
15	25-Apr	13	Transfer of Heat
15	27-Apr	14	Ideal gas law, First law of thermodynamics
15	29-Apr	14	Ideal gas law, First law of thermodynamics

Note from Dean of Students (copied):

"Attention Students: Final exam week for Spring 2011 takes place from Monday, May 2, through Saturday, May 7. Students are required to be available for their exam during that time. Students must visit the Dean of Students (DOS) Office if they cannot make their exam. The DOS will give the student his or her instructions thereafter.

Please note: vacations, previously purchased tickets or reservations, weddings (unless part of the wedding party), and other large or small scale social events, are not viable excuses for missing a final exam. Please contact the Dean of Students office with any questions. Thank you in advance for your cooperation."