All Announcements

Fri, Jan 20, 2006 -- Be sure to log out when done
Use the "Logout" button at the top of the Bb window.

Fri, Apr 14, 2006 -- Drop-In Center Schedule
The Drop-In Center in 147 WIL is now open. The schedule can be found at:

http://hendrix2.uoregon.edu/~dlivelyh/TA_assign/

Fri, Apr 14, 2006 -- Office Hours and Drop-In Center Hours
Here are the office and Drop-In Center Hours for PHYS 203 Instructors

David Sokoloff, 160 WIL, 346-4755, sokoloff@uoregon.edu
M 10:30-11:30, 2:30-3:30
W 10:30-11:30
F 12:30-1:30

Scott Ernsli, 218 WIL, 346-4760, sernst@uoregon.edu
R 12:00-1:00 in Drop-In Center, 147 WIL
R 1:00-2:00 in 218 WIL

Ricky Fok, 220 WIL, 346-4792, rfok@uoregon.edu
W 10:00-11:00 in Drop-In Center, 147 WIL
F 10:00-11:00 in 220 WIL
F 1:00-2:00 in 220 WIL

Jinrui Huang, 217 WIL, 346-4793, jhuang@uoregon.edu
M 1:00-2:00 in 217 WIL
R 1:00-2:00 in Drop-In Center, 147 WIL

Nathan Kuwada, 217 WIL, 346-4793, nkuwada@uoregon.edu
T 11:00-12:00 in Drop-In Center, 147 WIL
R 2:00-3:00 in 217 WIL

Dan Parks, 219 WIL, 346-4780, dparks@uoregon.edu
M 10:00-11:00 in Drop-In Center, 147 WIL
R 2:00-3:00 in 219 WIL

Mon, Apr 03, 2006 -- Correction of EXAM 1 date
EXAM 1 will be Wednesday, April 26. Please be sure to correct this on your syllabus.

Fri, Mar 31, 2006 -- WELCOME!
Welcome to PHYS 203, General Physics. I hope that you will enjoy learning about electricity and magnetism, the main topics for Spring term. I will make a special effort in this term to help you understand the basic physics concepts, as well as be able to solve problems. This will be done mostly by presenting Interactive Lecture Demonstrations (ILDs) in class.

You will find the syllabus posted in Course Documents. Please read it over carefully to learn about ILDs and some course policies that have changed
from PHYS 202.

Please also note the information below.

David Sokoloff

TUTORIALS
Tutorials will not meet the first week of Spring term. The first meeting of Tutorials will be on April 13.

HOMEWORK
All homework assignments are listed on the syllabus. The first assignment is due by 5:00 PM on Monday, April 10.

 Fri, Apr 21, 2006 -- Lecture 9--April 21
1. Reminder: Exam #1 next Wednesday. Review Session 4:00 today, 100 WIL.
2. Everyone must take Exam #1 at the scheduled time (unless other arrangements have been made prior to today).
3. Prof. Sokoloff's office hours next week will be held by Prof. Micklavzina in room 142 WIL, 346-4801, stanm@uoregon.edu. If you have questions, please see him or go to the Drop-In Center.

Lecture 9
1. Example with Ohm's law.
2. Power in DC electric circuits.
3. Resistivity and resistance of conductors.
4. Microscopic model for current—drift velocity.
5. Capacitors revisited—dielectrics.

 Wed, Apr 19, 2006 -- Lecture 8--April 19
Reminder, Tutorial Prep. due at the beginning of Tutorial.

Lecture 8
1. Introduction to capacitance.
2. Capacitance of a parallel plate capacitor.
3. Sample calculation.
4. Energy stored in a capacitor.
5. Introduction to electric current.
6. Ohm's law.
7. Electrical power.

 Mon, Apr 17, 2006 -- Exam 1 Information
Exam 1 will be given on Wednesday, April 26.
1. It will cover Chapters 16, 17 and 18 (through section 18-5).
2. It will also cover HW 1-3, ILDs 1-3 and the first two Tutorials.
3. The equations that appear on the front of Tutorial 3 (this week) will also appear on the first page of the exam for your convenience.
4. The exam will have two problems and some short answer questions.
5. There will be an optional review session (question and answer) 4:00-5:00 PM on this Friday, April 21 in room 100 WIL.

 Mon, Apr 17, 2006 -- Lecture 7--April 17
REMINDER: MAIL IN YOUR TAXES TODAY!!!

Lecture 7
1. Electric flux and Gauss' law.
2. Some examples of Gauss' law: spherically symmetric charge distributions and sheets of charge.
3. Introduction to capacitance.
4. ILDs on electric potential.

Fri, Apr 14, 2006 -- Lecture 6--April 14
1. Interactive Lecture Demonstrations on Monday
2. HW # 2 due Monday by 5:00. Please be sure to put your homework in the slot in the GREEN box between rooms 15 and 17 that corresponds to the head TA for your Tutorial section.

Lecture 6
1. Electric potential of a point charge.
2. Examples with potential and potential difference.
3. Equipotential lines and surfaces.
4. Electric flux and Gauss' law.

Wed, Apr 12, 2006 -- Lecture 5--April 12
1. Solutions to HW#1 are now posted on Blackboard.
2. Don't forget to bring Tutorial Prep. problems to Tutorial.

Lecture 5
1. Electric potential energy.
2. Conservation of energy revisited.
3. Electric potential difference and potential at a point.
4. Equipotentials.

Mon, Apr 10, 2006 -- Lecture 4--April 10
1) Interactive Lecture Demonstrations on electric fields and forces.
2) Electric fields and conductors.
3) Electric flux and Gauss' law.

Reminder: HW #1 is due by 5:00 today.

Fri, Apr 07, 2006 -- Lecture 3--April 7
Remember Homework due 5:00 Monday.

Interactive Lecture Demonstrations Monday.

1. Continuation of example from last lecture.
2. Electric field lines.
3. Electric fields and conductors.
4. Electric flux and Gauss' law.

Wed, Apr 05, 2006 -- Lecture 1 Topics--April 3
1. Electric charge and electrostatic force. Unit of charge.
2. Coulomb's law
3. Simple calculations with Coulomb's law

Wed, Apr 05, 2006 -- Lecture 2 Topics--April 5
1. Field vs. action-at-a distance approach.
2. Definition of electric field.
3. Electric field of a point charge.
5. Finding the force on a charge when you know the electric field at a point.